

***TRANSPORTATION
&
INFRASTRUCTURE
RENEWAL***

***Annual Report
2010-2011***



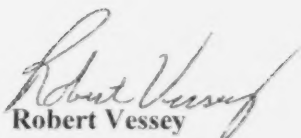


**The Honourable Frank Lewis
Lieutenant Governor of Prince Edward Island**

May It Please Your Honour:

I respectfully submit herewith, for the information of Your Honour and the Legislature of Prince Edward Island, the Annual Report of the Department of Transportation and Infrastructure Renewal for the period April 1, 2010 to March 31, 2011.

Respectfully submitted,


Robert Vessey
Minister

**The Honourable Robert Vessey
Minister
Department of Transportation and Infrastructure Renewal
Province of Prince Edward Island**

Sir:

I am pleased to submit to you the Annual Report of the Department of Transportation and Infrastructure Renewal for the period April 1, 2010 to March 31, 2011.

The activities of the respective Divisions are recounted in the following pages of the Report.

Respectfully Submitted,

A handwritten signature in dark ink, appearing to read "B. Douglas", with a stylized, cursive flourish.

**Brian Douglas
Deputy Minister**

Mandate

*The mandate of the Prince Edward Island
Department of Transportation and Infrastructure
Renewal is to contribute to economic development
and the quality of life in this province by
maintaining and enhancing, in an affordable
way, the essential transportation systems and
services for the efficient and safe movement of
people, goods, and services.*

*It is also necessary to provide the infrastructure
necessary for the efficient conduct of government
through services to other government
departments in the areas of building
construction, crown land management, building
maintenance, and accommodations.*

Table of Contents

Departmental Mission Statement	1
Departmental Legislation	2
Departmental Organization	3
Personnel	4
French Language Services Implementation Plan	5
 FINANCE, HUMAN RESOURCES	
Finance	6
Human Resources	6
Occupational Health & Safety	6
 HIGHWAY SAFETY & IT	
Driver Records Section	7
Information Technology	9
Safety Section	18
 PUBLIC WORKS & PLANNING	
Planning	24
Building Design and Construction	26
Building Maintenance & Accommodations	34
 LAND & ENVIRONMENT	
Environment Management	38
Office of the Provincial Chief Surveyor	45
Properties Section	46
 CAPITAL PROJECTS	
Chief Engineer's Report	62
Schedule of Tenders	64
Design	72
Bridges	73
Materials & Soils	75
Traffic Operations	77
Provincial Sign Shop	80
Mapping & Geographic Information Systems	83
 HIGHWAY MAINTENANCE	
Highway Maintenance	84
Confederation Trail Maintenance	137
Mechanical Branch	137
 INFRASTRUCTURE SECRETARIAT	141
 STATEMENT OF EXPENDITURES	148

DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE RENEWAL

MISSION STATEMENT

The role of the Department of Transportation and Infrastructure Renewal is four-fold:

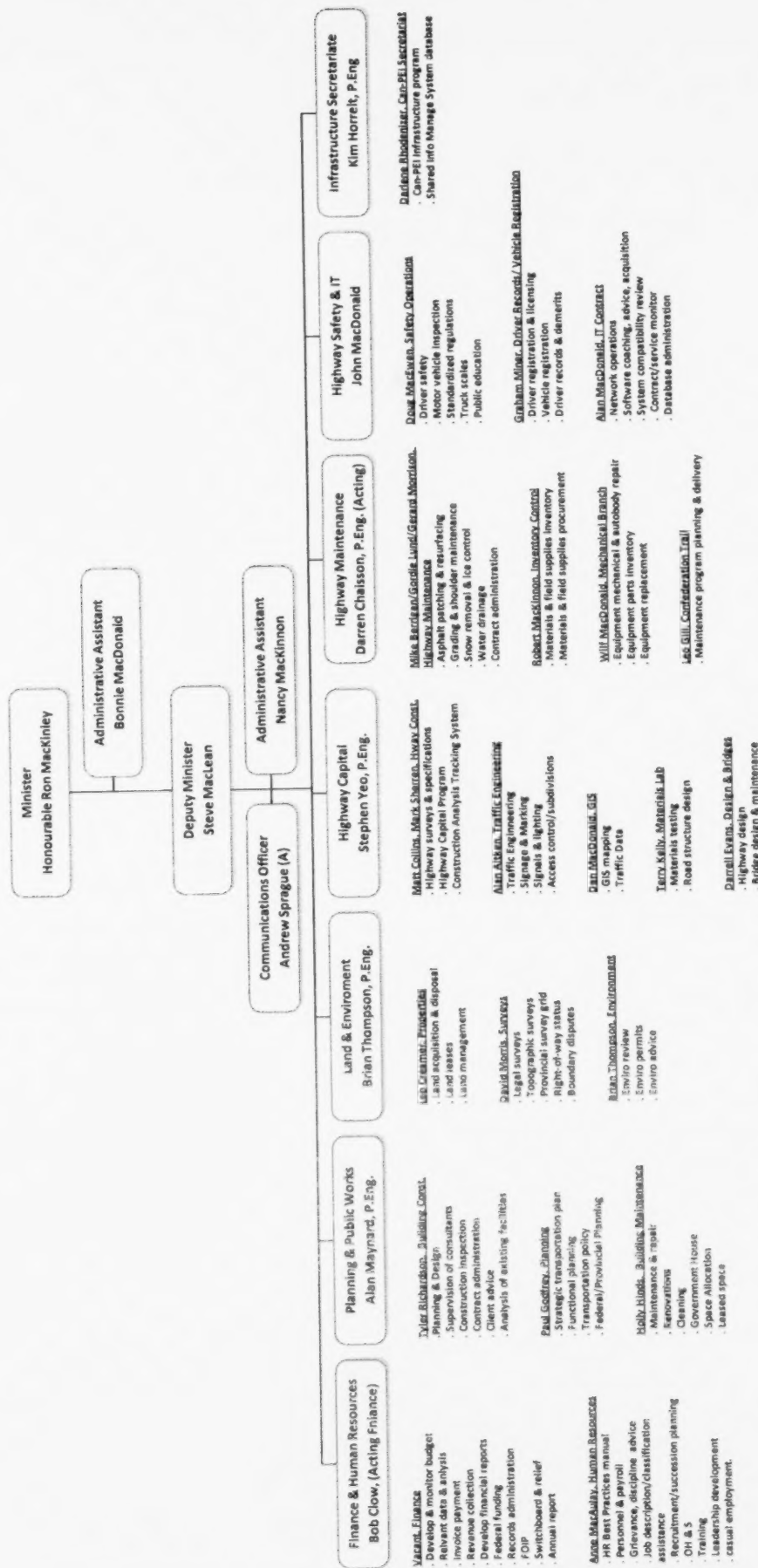
- ◆ **To provide high quality and timely policy advice to the Government of Prince Edward Island on all matters related to transportation and public works;**
- ◆ **To provide transportation infrastructure and foster development of a safe, efficient, affordable and environmentally sustainable transportation system for the movement of people and goods;**
- ◆ **To provide quality services to the rest of Government in the areas of building construction, Crown land management, building maintenance and accommodations; and**
- ◆ **To support development of the Prince Edward Island economy.**

Clients include transportation users, enforcement agencies, the construction industry, and other Government Departments.

LEGISLATIVE RESPONSIBILITIES

- ◆ **Architects Act**
- ◆ **Crown Building Corporation Act**
- ◆ **Dangerous Goods (Transportation) Act**
- ◆ **Engineering Profession Act**
- ◆ **Expropriation Act**
- ◆ **Georgetown Common Land Act**
- ◆ **Highway Traffic Act**
- ◆ **Land Survey Act**
- ◆ **Land Surveyor's Act**
- ◆ **Off-Highway Vehicle Act**
- ◆ **Public Works Act**
- ◆ **Roads Act**

Department of Transportation and Infrastructure Renewal Province of Prince Edward Island, FY 2010-11



Personnel

Minister
Administrative Assistant
Deputy Minister
Administrative Assistant

Hon. Ronald MacKinley
Bonnie MacDonald
Steve MacLean
Nancy MacKinnon

FINANCE & HUMAN RESOURCES

Finance
Human Resources
Occupational Health & Safety

Wendy MacDonald, Finance Director
Anne MacAulay
Gerry Stewart

HIGHWAY SAFETY & IT

Highway Safety Operations
Highway Safety Registration

John MacDonald, Director
Doug MacEwen
Graham Miner

PUBLIC WORKS & PLANNING

Planning
Building Design and Construction
Maintenance and Accommodations

Alan Maynard, Director
Paul Godfrey
Tyler Richardson
Holly Hinds

LAND & ENVIRONMENT

Provincial Chief Surveyor
Properties

Brian Thompson, Director
David Morris
Leo Creamer

CAPITAL PROJECTS DIVISION

Western Region Engineer
Central Region Engineer
Eastern Regional Engineer
Materials and Soils
Highway Design & Bridge Maintenance

Steve Yeo, Director
Rick Smith
Mark Sherren
Matt Collins
Terry Kelly
Darrell Evans

HIGHWAY MAINTENANCE

Highway Maintenance, Western
Highway Maintenance, Central
Highway Maintenance, Eastern
Mechanical Branch, Fleet Manager
Mechanical Branch, Western
Mechanical Branch, Central
Mechanical Branch, Eastern
Confederation Trail Maintenance

Darren Chaisson, Director
Mike Berrigan
Gordie Lund
Gerard Morrison
Wilf MacDonald
Gerald Arsenault
Donnie Martin
Charles MacLaren
Leo Gill

FRENCH LANGUAGE SERVICES IMPLEMENTATION PLAN

The Department continues to respond to the requirements of the French Language Services Act through its 2000 implementation plan.

Focus continues in the following areas:

- **Awareness**

The Department's obligation to the French Language Services Act continues to be incorporated into the daily routine of staff, especially for those responsible for the distribution and release of information to the public, i.e., correspondence, media releases, public notices, etc.

- **Human Resources**

Human Resources are currently approaching the organizational structure to identify positions for potential bilingual designation. These results will be considered in the areas of succession planning and current incumbent training. Interviews have taken place for employees interested in assessing their levels of proficiency in the French language, and others who are new to the language have participated in one-day workshops.

- **Signs**

The same effort that resulted in the Traffic Section of the Capital Projects Division receiving an award in 2001 continues to occur. As existing signage stock is depleted, the format is changed to bilingual. Bilingual directional tabs are now being used on Route confirmations and the private road signs for 911 are totally bilingual. Any worded sign manufactured out of the Provincial Sign Shop is produced in a bilingual format.

- **Document Translation**

The Highway Safety Division is one of the larger groups responsible for the distribution and circulation of documentation for public consumption. This group continues to work closely with Acadian and Francophone Affairs to identify essential documentation for translation purposes.

Wendy Toy
French Language Services Coordinator

FINANCE AND HUMAN RESOURCES DIVISION

The Finance and Human Resources Division is responsible for providing financial and human resources leadership to the Department on all matters relating to Administration, Finance, and Human Resources.

FINANCE SECTION

The Finance Section is responsible for the financial services of the Department. The work of the Section includes the following:

- Provide Leadership in Financial Management
- Administer Budget Development and Controls
- Monitor the day-to-day Operations of the Accounting Office
- Inventory Management
- Administration Services

A detailed summary of Ordinary and Capital Expenditures for the year ending March 31, 2011 follows at the end of the Annual Report.

HUMAN RESOURCES SECTION

The Human Resources Section is responsible for the planning and administration of the Department's Human Resources, including the following:

- Personnel and Payroll Services
- Departmental Training Administration
- Organizational Development
- Permanent and Seasonal Staffing
- Position Classification
- Collective Bargaining and Contract Interpretation
- Management Consultation

In 2010-2011 a Best Practice Manual was written to help Managers and Supervisors better understand policies and procedures around Staffing, Employee and Labour Relations, Performance Management and Organizational Learning, Training and Development. HR continues to provide advice and support to management in the areas of Labour Relations and Contract Interpretation areas by presenting custom training sessions for Zone Supervisors, Foremen and Crew Chiefs in all three counties. The HR Section coordinated mandatory training sessions around Core Competencies for Managers and Supervisors.

OCCUPATIONAL HEALTH & SAFETY

The Department continues to upgrade the skills and knowledge of all staff, primarily those who work on the highway and road network. One of the most important aspects of work zone traffic control is a proper hazard assessment and placing the signage and traffic control persons in clearly visible locations.

Focuses for the future include:

- Continuing to measure workplace noise to identify workers who require hearing protection, hearing testing and education. The Department remains committed in reducing noise levels and noise exposure.
- Reducing the incidence of injury and illness in the workplace by developing a culture where all employees take responsibility for health and safety.
- Responding to increasing demands from an aging workforce.

The Department has steadily improved safety over in the past ten years and is committed to the continuous improvement process to ensure that Transportation and Infrastructure Renewal is a safe and healthy workplace.

HIGHWAY SAFETY & IT DIVISION

The overall objective is to promote and enforce safe conditions for highway users, issue driver's licenses, provide registration for vehicles and drivers, and to support the Minister of Transportation and Infrastructure Renewal in the administration of the *Highway Traffic Act*, *Off-Highway Vehicle Act*, *Roads Act*, and the *Transportation of Dangerous Goods Act*. The following Sections are tasked with the responsibilities of carrying out the objectives of Highway Safety:

- Driver Records
- Systems Development and Support
- IRP (International Registration Plan)
- Safety
- Registration and Licensing (Legislation and Policy and Program Development)
- Commercial Vehicle Enforcement

DRIVER RECORDS SECTION

The Records Section maintains records on all drivers and carriers with convictions for motor vehicle related offences throughout Canada, and who are scheduled for counselling activity such as an interview or a re-examination. The Records Management System (RMS) is one of the key programs used by this Section and is designed to efficiently and effectively maintain driving records to meet the needs for managing drivers and carriers. During the year, there were approximately 10,300 motor vehicle related convictions.

This Section maintains a close working relationship with all law enforcement agencies throughout the Province along with various other government departments and, in particular, the Office of the Attorney General. The Driver Records Section deals mainly with the *Highway Traffic Act*, *Roads Act*, *Dangerous Goods Act* and the *Maintenance Enforcement Act*. Driver Abstracts (drivers' records) are provided through the Records Section. This service is available to insurance companies, law enforcement, the legal community or an individual.

The Records Section is responsible for the evaluation, preparation and processing of all *Highway Traffic Act* and driver related *Criminal Code of Canada* convictions. A summary of the major activities is shown below with the 2009-2010 figures displayed for comparison purposes.

Driver License Suspensions and Cancellations	2009-2010	2010-2011
Section 253(a) Criminal Code - (Impaired Driving)	53	44
Section 253(b) Criminal Code - (Failing the Breathalyzer)	309	322
Section 254(5) Criminal Code - (Refusal of the Breathalyzer)	49	33
Total Alcohol Related Convictions	411	399
Administrative Driving Prohibitions	405	411
7 Day Suspensions (S.277.1) HTA	33	83
30 Day Suspensions (S.277.1) (3.2) HTA	1	3
90 Day Suspensions (S.277.1) (3.5) HTA	0	0
Vehicle Impoundments	34	49
Demerit Point System (Point Accumulation)	432	393
Theft of a Motor Vehicle	13	18
Default in Payment of Fine(s) - (Motor vehicle related offences)	2661	1917
Failure to Satisfy a Judgment - (Accident with an uninsured vehicle)	2	4
Reinstatement of driving privileges from suspension/cancellation	1701	1702
Revenue from Reinstatement Fees	76650.00	83,225.00

Number of Warning Letters Issued - (Point Accumulation)	1740	1615
Number of Driving Record Interviews Issued - (Point Accumulation)	374	347
Drivers required to undergo a re-examination for various reasons (Requests from Law Enforcement, Medical Practitioners, Etc.)	2009-2010	2010-2011
Medical Referrals Issued	417	452
Medical Referrals Issued for Commercial Drivers	3550	3640
Vision Referrals Issued	62	80
Driving Re-Examination Conducted	347	399
Driving Record Interviews	138	148
Restricted Driver Licenses Issued	15	36
Requests for Abstracts of Driving Records from Insurance Companies and Individuals	46,424	41,531
Abstract Fee (\$20.00)	928,480.00	830,620.00

INFORMATION TECHNOLOGY

Highway Safety have the following computer applications from which statistical information can be generated:

Carrier Management System(CMS):

Monitor, regulate and rate carriers of commercial vehicles. It covers all aspects of driver qualification, vehicle compliance and safety management of commercial vehicle.

Collision and Accident Reporting System (CARS):

The management of highway collisions through collection of data with the capability of ad hoc query and reporting.

Driver Vehicle System (DVS):

Provincial Driver Licensing and Vehicle Registration System which generates revenue for the Province.

Electronic Abstract System (CGI):

Automated Insurance Abstract Management and Billing System for CGI that is processed via FTP.

Enforcement Officer Reporting System (EORS):

Records all daily activity, traffic stops and permits for portable and fixed scale operations.

International Registration Plan (IRP) and IRP Clearing House:

Vehicle Registration Program that interprets business rules, calculates fees and taxes for Canadian and US jurisdictions.

Inter-Provincial Records Exchange System (IRE):

Exchange and sharing of Driver Licensing and Records along with Vehicle Registration Information between provinces and states.

Motor Vehicle Inspection System (MVIS):

Supports the management of the MVI program. Database stores individual MVI reports, station and mechanic information.

Photo ID System:

Management of digital photos and signatures for driver's licenses, instruction permits and identification cards.

Records Management System (RMS):

Manages and maintains all records of PEI Drivers and convictions for motor vehicle related offences. The system generates all daily correspondence.

Telephone Vehicle Registration System (TVRS):

Interactive voice response system for passenger vehicle registration.

Computer Applications Supported Within the Department

Other computer applications within the Department which the Information Technology Section supports are:

Regional Weather Information System (RWIS):

Tracks and provides information on weather and road conditions on PEI.

Construction Analysis and Tracking System Remote (CATS Remote):

Management of load tickets for printing and monitoring. This system runs parallel to CATS during the construction season.

Construction Analysis and Tracking System (CATS):

Tracks all government of PEI construction contracts from tender submissions through payout.

Electronic Billing Information System (EBIS):

Tracking of utility bills and kilowatt usage for all government departments.

Fleet Management System (FMS):

Manages the corporate fleet of leased vehicles by monitoring all payments and expenses for all departments, plus manages parts inventory, labour and maintenance for government garages.

Integrated Traffic Monitoring System (ITMS):

Tracks vehicle traffic data for all PEI highways and generates ad hoc reports.

Land Information Management System (LIMS):

Tracks and monitors crown owned land history from current to past leaseholders along with use of land.

Travel Claims System (TCS):

Tracks Travel Claims by employee with the Department of Transportation and Infrastructure Renewal.

Pavement Management System (PMS):

Collects data on pavement conditions and road attributes.

Highway Lab Information Management System (HLIMS):

Collects data from an array of tests on materials and soils to ensure compliance with the department's specifications.

The International Registration Plan (IRP)

The International Registration Plan (IRP) is a Registration Reciprocity Agreement among States of the United States and Provinces of Canada providing for payment of license fees on the basis of total distance operated in all jurisdictions. The fees are divided among the IRP jurisdictions through which the vehicles travel and allow movement on an interjurisdictional and intrajurisdictional basis.

Typically vehicles over 11,794 kgs (26,000 lbs) or buses with 20 seats or more that wish to travel in two or more jurisdictions must register under IRP. It is not mandatory that vehicles be registered under this Agreement, but if carriers do not register, they will be required to register in their base jurisdiction and obtain temporary or single trip permits from member jurisdictions in which they intend to travel.

During the fiscal year April 1, 2010 - March 31, 2011 there were 197 Prince Edward Island based carriers registering a total of 680 vehicles under the Agreement.

IRP Clearinghouse

Prince Edward Island has been a participating member of the IRP Clearinghouse since November 2002. This involves the electronic exchange and reconciliation of registration and tax fee information and funds through a central computer system among member jurisdictions of the International Registration Plan. Presently 56 of the 59 member jurisdictions are members of the Clearinghouse.

Canadian Agreement on Vehicle Registration (CAVR)

CAVR is a Full and Free Reciprocity Agreement for Category "B" vehicles for interprovincial operations that may operate in all Canadian Provinces when legally registered in their home jurisdiction. They cannot be used for intra-provincial transportation, unless they meet conditions specified in Article V of the Agreement.

Atlantic Provinces Reciprocity Agreement

The Atlantic Provinces Reciprocity Agreement allows for the movement of all vehicles described in the Canadian Agreement on Vehicle Registration (CAVR) to perform both interjurisdiction and intrajurisdictional operations in the four provinces. This Agreement also allows for full reciprocity for miscellaneous equipment, road equipment that is used for construction and maintenance and in-transit permits.

IRP services are provided at the Charlottetown office of the Highway Safety Division. The distribution of revenue, for the fiscal year April 1, 2010 - March 31, 2011 are listed in the tables that follow.

DISTRIBUTION OF REVENUE COLLECTED FROM P.E.I. BASED CARRIERS FOR CANADIAN JURISDICTIONS APRIL 1, 2010 - MARCH 31, 2011

PROVINCE	REGISTRATION FEES	AUDITS	SALES TAX FEES	ADMIN. FEES	TOTAL FEES
PE	\$ 388,571.00	\$ 835.42	\$ 425,355.92	\$ 39,130.00	\$ 853,892.34
NB	\$ 386,684.57	\$ 618.41	\$ 0.00	\$ 0.00	\$ 387,302.98
NS	\$ 220,187.73	\$ 105.18	\$ 0.00	\$ 0.00	\$ 220,292.91
NL	\$ 14,628.40	\$ 85.31	\$ 0.00	\$ 0.00	\$ 14,713.71
QC	\$ 115,588.05	\$ -171.00	\$ 0.00	\$ 0.00	\$ 115,417.05
ON	\$ 59,335.00	\$ 65.88	\$ 7,789.68	\$ 0.00	\$ 67,190.56
MB	\$ 2,300.00	\$ 0.00	\$ 1,693.93	\$ 0.00	\$ 3,993.93
SK	\$ 2,691.00	\$ 0.00	\$ 1,392.09	\$ 0.00	\$ 4,083.09
AB	\$ 1,972.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,972.00
BC	\$ 1,261.98	\$ 0.00	\$ 86.14	\$ 0.00	\$ 1,348.12
TOTALS	\$ 1,193,219.73	\$1,539.20	\$ 436,317.76	\$ 39,130.00	\$ 1,670,206.69

All Fees in Canadian Dollars

**DISTRIBUTION OF REVENUE COLLECTED FROM P.E.I. BASED CARRIERS
FOR U.S. JURISDICTIONS
APRIL 1, 2010 - MARCH 31, 2011**

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	TOTAL FEES
Alabama	\$ 58.91	\$ 0.00	\$ 0.00	\$ 58.91
Arizona	\$ 483.42	\$ 0.00	\$ 0.00	\$ 483.42
Arkansas	\$ 133.13	\$ 0.00	\$ 0.00	\$ 133.13
California	\$ 562.04	\$ 0.00	\$ 0.00	\$ 562.04
Colorado	\$ 107.80	\$ 0.00	\$ 43.57	\$ 151.37
Connecticut	\$ 6,142.56	\$ - 0.12	\$ 0.00	\$ 6,142.44
Delaware	\$ 703.13	\$- 4.13	\$ 0.00	\$ 699.00
Dist. of Columbia	\$ 6.78	\$ 0.00	\$ 0.00	\$ 6.78
Florida	\$ 918.72	\$ 4.83	\$ 0.00	\$ 923.55
Georgia	\$ 328.73	\$- 1.28	\$ 0.00	\$ 327.45
Iowa	\$ 880.64	\$- 4.64	\$ 0.00	\$ 876.00
Idaho	\$ 202.17	\$ 0.00	\$ 0.00	\$ 202.17
Illinois	\$ 1,754.76	\$- 5.76	\$ 0.00	\$ 1,749.00
Indiana	\$ 482.87	\$- 2.22	\$ 234.99	\$ 715.64
Kansas	\$ 68.76	\$ 0.00	\$ 0.00	\$ 68.76
Kentucky	\$ 323.28	\$ 0.00	\$ 191.67	\$ 514.95
Louisiana	\$ 14.59	\$ 0.00	\$ 0.00	\$ 14.59
Massachusetts	\$ 9,374.45	\$- 0.88	\$ 0.00	\$ 9,373.57
Maryland	\$ 1,196.83	\$- 2.32	\$ 0.00	\$ 1,194.51
Maine	\$ 17,419.12	\$ 71.34	\$ 24,303.01	\$ 41,793.47
Michigan	\$ 1,816.79	\$- 6.64	\$ 0.00	\$ 1,810.15
Minnesota	\$ 274.59	\$ 0.00	\$ 0.00	\$ 274.59
Missouri	\$ 243.93	\$ 0.00	\$ 0.00	\$ 243.93
Mississippi	\$ 69.65	\$ 0.00	\$ 51.39	\$ 121.04

Montana	\$ 116.04	\$ 0.00	\$ 40.63	\$ 156.67
North Carolina	\$ 1,121.87	\$- 4.44	\$ 0.00	\$ 1,117.43
North Dakota	\$ 76.68	\$ 0.00	\$ 0.00	\$ 76.68
Nebraska	\$ 244.98	\$ 0.00	\$ 0.00	\$ 244.98
New Hampshire	\$ 1,066.53	\$- 19.97	\$ 109.06	\$ 1,155.62
New Jersey	\$ 4,411.85	\$ 7.19	\$ 0.00	\$ 4,419.04
New Mexico	\$ 24.12	\$ 0.00	\$ 0.00	\$ 24.12
Nevada	\$ 102.23	\$ 0.00	\$ 72.36	\$ 174.59
New York	\$ 7,023.41	\$- 14.19	\$ 1,743.53	\$ 8,752.75
Ohio	\$ 875.79	\$- 2.46	\$ 0.00	\$ 873.33
Oklahoma	\$ 107.98	\$ 0.00	\$ 0.00	\$ 107.98
Oregon	\$ 48.94	\$ 0.00	\$ 0.00	\$ 48.94
Pennsylvania	\$ 6,496.29	\$- 0.44	\$ 770.03	\$ 7,265.88
Rhode Island	\$ 205.36	\$ 12.79	\$ 0.00	\$ 218.15
South Carolina	\$ 472.86	\$- 2.80	\$ 0.00	\$ 470.06
South Dakota	\$ 82.37	\$ 0.00	\$ 0.00	\$ 82.37
Tennessee	\$ 357.77	\$ 0.00	\$ 0.00	\$ 357.77
Texas	\$ 157.33	\$ 0.00	\$ 0.00	\$ 157.33
Utah	\$ 56.59	\$ 0.00	\$ 57.58	\$ 114.17
Virginia	\$ 1,804.77	\$- 4.25	\$ 0.00	\$ 1,800.52
Vermont	\$ 914.48	\$- 39.55	\$ 0.00	\$ 874.93
Washington	\$ 383.10	\$ 0.00	\$ 3.27	\$ 386.37
Wisconsin	\$ 704.57	\$ 0.00	\$ 0.00	\$ 704.57
West Virginia	\$ 263.88	\$- 2.18	\$ 256.60	\$ 518.30
Wyoming	\$ 348.64	\$ 0.00	\$ 0.00	\$ 348.64
TOTALS	\$ 71,036.08	\$- 22.12	\$ 27,877.69	\$ 98,891.65

All Fees are in US Dollars

**DISTRIBUTION OF REVENUE COLLECTED FROM CANADIAN JURISDICTIONS
FOR PRINCE EDWARD ISLAND
APRIL 1, 2010 - MARCH 31, 2011**

PROVINCE	REGISTRATION FEES	AUDITS	SALES TAX FEES	TOTAL FEES
NB	\$ 178,200.00	\$- 0.21	\$ 272,738.07	\$ 450,937.86
NS	\$ 61,276.00	\$- 1,249.66	\$ 91,866.77	\$ 151,893.11
NL	\$ 5,141.00	\$ 255.45	\$ 6,059.44	\$ 11,455.89
QC	\$ 32,907.35	\$- 22.67	\$ 38,760.08	\$ 71,644.76
ON	\$ 11,789.00	\$ 0.00	\$ 17,967.43	\$ 29,756.43
MB	\$ 33.61	\$ 0.00	\$ 711.19	\$ 744.80
SK	\$ 198.00	\$ 0.00	\$ 451.92	\$ 649.92
AB	\$ 2,537.78	\$ 0.00	\$ 5,686.02	\$ 8,223.80
BC	\$ 383.00	\$ 0.00	\$ 722.99	\$ 1,105.99
TOTALS	\$ 292,465.74	\$- 1,017.09	\$ 434,963.91	\$ 726,412.56

All Fees in Canadian Dollars

**DISTRIBUTION OF REVENUE COLLECTED FROM U.S. JURISDICTIONS
FOR PRINCE EDWARD ISLAND
APRIL 1, 2010 - MARCH 31, 2011**

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	TOTAL FEES
Alabama	\$ 24.71	\$ 0.00	\$ 35.27	\$ 59.98
Arizona	\$ 6,497.20	\$ 0.00	\$ 9,310.97	\$ 15,808.17
Arkansas	\$ 26.03	\$ 0.06	\$ 37.20	\$ 63.29
California	\$ 84.68	\$ 0.00	\$ 121.17	\$ 205.85
Colorado	\$ 1.18	\$ 0.00	\$ 1.61	\$ 2.79
Connecticut	\$ 1,036.67	\$ 0.00	\$ 1,485.52	\$ 2,522.19

Delaware	\$ 2.67	\$ 0.00	\$ 3.77	\$ 6.44
Dist. Of Columbia	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
Florida	\$ 133.32	\$ 0.00	\$ 190.92	\$ 324.24
Georgia	\$ 9.92	\$ 0.00	\$ 14.08	\$ 24.00
Idaho	\$ 0.10	\$ 0.00	\$ 0.15	\$ 0.25
Illinois	\$ 453.22	\$- 2.85	\$ 651.46	\$ 1,101.83
Indiana	\$ 1,004.12	\$ 0.00	\$ 1,438.88	\$ 2,443.00
Iowa	\$ 75.03	\$ 0.05	\$ 107.39	\$ 182.47
Kentucky	\$ 15.85	\$ 0.36	\$ 24.63	\$ 40.84
Kansas	\$ 0.00	\$ 0.00	\$ 70.88	\$ 70.88
Louisiana	\$ 34.00	\$ 0.00	\$ 49.79	\$ 83.79
Maine	\$ 2,316.38	\$- 140.71	\$ 2,969.15	\$ 5,144.82
Maryland	\$ 709.68	\$ 0.00	\$ 2,569.24	\$ 3,278.92
Massachusetts	\$ 64.62	\$ 0.00	\$ 116.46	\$ 181.08
Michigan	\$ 379.32	\$ 0.00	\$ 543.51	\$ 922.83
Minnesota	\$ 110.94	\$ 3.67	\$ 158.87	\$ 273.48
Mississippi	\$ 226.34	\$ 0.00	\$ 324.25	\$ 550.59
Missouri	\$ 283.71	\$ 0.00	\$ 406.47	\$ 690.18
Montana	\$ 4.00	\$ 0.00	\$ 5.64	\$ 9.64
Nevada	\$ 216.68	\$ 0.00	\$ 246.61	\$ 463.29
Nebraska	\$ 279.51	\$ 0.00	\$ 520.71	\$ 800.22
New Hampshire	\$ 27.37	\$ 0.00	\$ 39.15	\$ 66.52
New Jersey	\$ 146.45	\$ 0.00	\$ 209.71	\$ 356.16
New Mexico	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
New York	\$ 172.94	\$- 0.22	\$ 193.69	\$ 366.41
North Carolina	\$ 622.24	\$ 0.00	\$ 891.60	\$ 1,513.84
North Dakota	\$ 94.22	\$ 0.00	\$ 135.00	\$ 229.22

Ohio	\$ 649.64	\$ 0.00	\$ 930.81	\$ 1,580.45
Oklahoma	\$ 117.06	\$ 0.00	\$ 173.69	\$ 290.75
Oregon	\$ 590.30	\$ 0.00	\$ 845.82	\$ 1,436.12
Pennsylvania	\$ 786.72	\$ 0.00	\$ 1,127.28	\$ 1,914.00
Rhode Island	\$ 177.42	\$ 0.00	\$ 254.23	\$ 431.65
South Carolina	\$ 122.93	\$ 0.00	\$ 193.02	\$ 315.95
South Dakota	\$ 217.05	\$ 0.00	\$ 310.79	\$ 527.84
Tennessee	\$ 5,731.93	\$ 0.00	\$ 8,214.21	\$ 13,946.14
Texas	\$ 5,820.43	\$ 0.00	\$ 8,341.06	\$ 14,161.49
Utah	\$ 3.69	\$ 0.00	\$ 5.20	\$ 8.89
Vermont	\$ 503.08	\$ 0.00	\$ 720.84	\$ 1,223.92
Virginia	\$ 287.94	\$ 0.00	\$ 412.48	\$ 700.42
Washington	\$ 8.57	\$ 0.01	\$ 12.14	\$ 20.72
West Virginia	\$ 13.70	\$ 0.00	\$ 19.62	\$ 33.32
Wisconsin	\$ 396.82	\$ 0.03	\$ 625.15	\$ 1,022.00
Wyoming	\$ 230.22	\$ 0.00	\$ 329.83	\$ 560.05
TOTALS	\$ 30,710.60	\$- 139.60	\$ 45,389.92	\$ 75,960.92

All Fees are in US Dollars

**RECAP OF REVENUE
APRIL 1, 2010 - MARCH 31, 2011**

Distribution of Revenue Collected from Prince Edward Island Base Plated Carriers

Revenue Retained by Prince Edward Island	\$ 853,892.34
Revenue Collected for Canadian Jurisdictions	\$ 816,314.35
Total Canadian Revenue Collected from PE Base Plated Carriers	\$ 1,670,206.69
Total U.S. Revenue Collected from PE Base Plated Carriers	\$ 98,891.65

Distribution of Revenue Collected from Member Jurisdictions for Prince Edward Island

Revenue Collected for PE from Canadian Jurisdictions \$ 726,412.56

Revenue Collected for PE from U.S. Jurisdictions \$ 75,960.92

Registration and Licensing

Registration and Licensing service delivery is carried out through a service level agreement with Access P.E.I.

Vehicle Registration Breakdown

Type	2009-2010	2010-2011
Cars	69,617	70,375
Trucks	23,417	23,791
Motorcycles	2,624	2,461
Buses	497	543
Trailer	12,363	12,917
Off-Road Vehicle	1,209	1,472
Miscellaneous - Other Vehicles	680	673
Total Registrations	110,407	112,232

Total Number of Drivers per Class

Class	2009-2010	2010-2011
CLASS 1 - Tractor Trailers	4,133	4,135
CLASS 2 - Bus for more than 24 passengers including School Bus	1,008	1,025
CLASS 3 - Trucks over 14,000 kgs	6,307	5,851
CLASS 4 - Ambulance, Bus, Taxi for less than 24 passengers	2,988	2,862
CLASS 5 - Car, light truck	85,648	87,393
CLASS 6 - Motorcycle	8,930	9,421
CLASS 7 - Beginner's Instruction Permit	2,751	2,886

SAFETY SECTION

The Safety Section deals with issues relating to the driver and vehicle. In each of these categories, the measures designed to counter highway collisions were separated into education and enforcement techniques which are primarily directed to highway users, and by engineering developments directed to safety improvements of the vehicle.

Countermeasures were planned and conducted on the premise that the driver is ultimately responsible for motor vehicle operation on the highway. The countermeasure strategy is to increase the driver's knowledge of highway laws and safe driving practices. These include utilizing the news media for promotional and information purposes, testing new drivers, having licensing control over newly licensed drivers and correction of unsafe practices among all drivers.

The Safety Section plans and co-ordinates the following programs:

- Promotion of Highway Safety
- Driver Improvement Programs
- Motor Vehicle Inspection
- Highway Weight Enforcement
- National Safety Code

The basic objective of driver testing is to establish and maintain acceptable standards for the issuance of driver licenses for all classes of vehicles in accordance with the provisions of the *Highway Traffic Act*, regulations, and department policies. A driver requires the necessary knowledge, skill, physical and mental ability to operate a motor vehicle in order to obtain a driver's license.

A Driver Examiner tests all drivers applying for an initial license at Highway Safety, as well as those applying for a higher class of license. Tests are passed by successfully completing a written examination of rules of the road, a vision screening and a behind the wheel road test.

Driver Testing Statistics

Knowledge Tests 2009-2010	Knowledge Tests 2010-2011	Road Tests 2009-2010	Road Tests 2010-2011
2837	2945	3099	3481

Driver Education Licensing Certification Program

Highway Safety encourages young drivers to become involved in a Driver Education Program in order to promote correct driving habits. Applicants enrolled in a Driver Education Program can obtain their Instruction Permit at 15 ½ years of age; however, they must wait at least 180 days and be at least sixteen years of age before becoming eligible for a road test.

Nine Commercial Driver Education Schools operated in Prince Edward Island during the year. Each school offered twenty-five hours of in-classroom instruction and ten hours behind-the-wheel training and six hours of observation time as required by the Driving School Regulations.

Driver Education School - Class 5 Driver License

Written Examinations		Road Tests	
2009-2010	1069	2009-2010	1106
2010-2011	1146	2010-2011	1056

Driver Improvement Program

The primary function of driver improvement is to identify problem drivers through their driving record. Interviews and meetings are conducted to encourage drivers to change their driving habits and attitudes in order to reduce fatalities, injuries and property damage. When a driver accumulates six or more demerit points, they are advised of the consequences which could result by the accumulation of additional demerit points. Nine or more demerit points requires the driver to attend a driver improvement interview, during which the driver is provided with an awareness of a driving problem and the process to a solution for the problem. Twelve or more demerit points results in the suspension for three months of the driver's license. All suspended drivers must attend a reinstatement interview and a Driver Improvement Course. Failure to attend this course could result in further suspension of the driver's license. During the year, a total of 84 drivers successfully completed the Driver Improvement Course.

Driver Rehabilitation Program

All drivers who are convicted of a second or subsequent offence for impaired driving pursuant to Section 253(a) (impaired driving), 253(b) (failing the breathalyser), or 254(c) (refusal of the breathalyser) of the *Criminal Code of Canada* must complete a driver risk assessment which is conducted by Highway Safety. This assessment must be completed before a suspended driver can have their driver's license considered for reinstatement. Further referral to Addiction Services or to a Driver Rehabilitation Program could be required.

A Driver Rehabilitation Program is also conducted for a first-time offender convicted of impaired driving. This program is a requirement before a driver's license is reinstated. During the year, 212 drivers completed Driver Rehabilitation Program.

Assessment Program

The Alcohol Assessment Referral Program requires drivers with three or more convictions for impaired driving to have an alcohol assessment completed and, if required, undergo curative treatment at an addiction services centre. A probationary driver's license may be returned to the driver if the treatment program recommended by Addiction Services was followed. The probationary license is valid as long as the treatment program is followed. During the year, a total of 24 drivers participated in the Assessment Program.

Ignition Interlock Program

This program is available to offenders after a drinking and driving conviction and will allow for early reinstatement of a driver's license upon successful application. It is designed to encourage individuals to seek help quickly and address any alcohol-related problems.

The Ignition Interlock Program is a mandatory requirement for reinstatement of a driver's licence for all second and subsequent convictions of impaired driving.

Eligible drivers are issued a restricted driver's license once the interlock device is installed on the vehicle which allows only the operation of that vehicle. The device prevents the vehicle being started if alcohol above a preset level is detected in the driver's breath samples.

All activity is recorded and monitored by Highway Safety Division via a build-in data logger. Failure to comply with operational requirements will result in the removal of the interlock device and reinstatement of the suspension period.

During the year 2010-2011, a total of 81 drivers entered into the Ignition Interlock Program.

Novice Driver Course

The Novice Driver Course is compulsory unless a Driver Education Course has been successfully completed. All new drivers applying for a license must complete either of these courses prior to taking a road test.

The Novice Driver Course is made available through Highway Safety. Courses can be taken in Charlottetown, Montague, Souris, Summerside and Elmsdale. During the year, a total of 709 students successfully completed the Novice Driver Course.

Defensive Driving Course

Courses on safe driving habits have been developed by the Canada Safety Council with the cooperation of provincial governments. In Prince Edward Island, this course is administered by the PEI Safety Council, which is affiliated with St. John Ambulance. Attendance at these courses is voluntary. Those who successfully complete the course receive a bonus of 3 points which can be used as a credit in the Demerit Point System. During the year, a total of 63 drivers successfully completed the Defensive Driver Course.

Collision and Reporting System (CARS)

During the year 2010, there were 1800 collisions resulting in 840 injuries and 9 fatalities. The fatalities included 4 drivers of vehicles, 2 drivers of motorcycles, 2 passengers of vehicles and 1 passenger of motorcycle.

Traffic Safety Promotion

Highway Safety provides information regarding traffic safety through the use of the news media, brochures, posters and pamphlets. Campaigns are conducted promoting rules of the road, bicycle safety, off-highway vehicle rules, vehicle safety, winter driving tips, registration and license renewal reminders and seat belt use. A continuous campaign is conducted to encourage drivers not to drink and drive.

The SADD (Students Against Drunk Driving) program is also promoted and encouraged through Highway Safety. Each of the 12 high schools across the province has a Chapter of SADD.

Motor Vehicle Inspection

The Motor Vehicle Inspection Program monitors the operating condition of all motor vehicles in Prince Edward Island. Inspection stations and mechanics are required to meet specific criteria in order to be licensed by the Province through Highway Safety.

The stations and mechanics are closely monitored by Motor Vehicle Inspection Officers.

Motor Vehicle Inspection Statistics

No. Stations	No. Mechanics	Results of Inspections	Cars Light Trucks	Trucks	Farm Trucks	Motorcycle Light Trailer	Trailers with brakes
217	500	Passed	89631	8682	1325	3325	2765
		Rejected	4833	290	32	120	101
Type of Vehicle	# Defective Brakes	# Defective tire/wheels	# Defective suspension	Defective steering	Defective exhaust	#Defective body/frame	windshield & glazing
Light Vehicle	13849	6654	7581	5531	3254	2628	1362
Commercial Vehicle	1856	704	472	435	322	297	215

Commercial Vehicle Enforcement

Roadside Vehicle Checks - Highway Safety Peace Officers, in cooperation with police agencies, conducted 15 roadside vehicle check stops throughout the year. Items checked include driver's license, vehicle registration, inspection, insurance coverage, use of seat belts, window tint and infractions under the *Liquor Control Act*.

Inspection Facilities (Stationary Scales)

There are two weigh scale stations in Prince Edward Island. One is located at Borden-Carleton and the other in Wood Islands. The Borden-Carleton Scales are opened 24 hours a day throughout the year and are staffed by five full-time officers, two full/part-time officers and one relief officer.

The Wood Islands Scales operate from May to mid December each year, and are open daily. Staff includes two permanent full-time officers.

Commercial Vehicle Enforcement Officers are responsible for enforcement of the *Roads Act* and Vehicle Weight Regulations, *Highway Traffic Act* and Regulations, *Transportation of Dangerous Goods Act* and Regulations, *Plant Health Act* and the *Animal Health Act*.

Commercial Vehicle Enforcement Officers assist with the scanning and data entry of the Motor Vehicle Inspection System (contributing to the storage of 90,000 information forms yearly).

Commercial Vehicle Enforcement Statistics

Truck Movement

Activity	Location	Number
Canadian Trucks	Borden/Carleton Scales	263,048
	Wood Islands Scales	11,188
U.S. Trucks	Borden/Carleton Scales	434
	Wood Islands Scales	0

Driver and Vehicle Checks

Activity	Location	Number
Driver's Documents	Borden/Carleton Scales	12,551
	Wood Islands Scales	958
Hours of Work (Driver's Log)	Borden/Carleton Scales	487
	Wood Islands Scales	47
Trip Inspections	Borden/Carleton Scales	487
	Wood Islands Scales	47
Dangerous Goods Inspections	Borden/Carleton Scales	106
	Wood Islands Scales	1

Miscellaneous Activities

Activity	Location	Number
Quick Check Stickers Issued	Borden/Carleton Scales Wood Islands Scales	51 0
Potato disinfectant Slips Collected	Borden/Carleton Scales Wood Islands Scales	6,005 238
Vehicles Checked For Taxable Goods	Borden/Carleton Scales Wood Islands Scales	16 0
Forest Products	Borden/Carleton Scales Wood Islands Scales	910 537
Vehicles Quarantined Plant Health Act	Borden/Carleton Scales Wood Islands Scales	1 2
Apiary Act	Borden/Carleton Scales Wood Islands Scales	5 0
Animal Health Act	Borden/Carleton Scales Wood Islands Scales	62 8
Fisheries Product Act	Borden/Carleton Scales Wood Islands Scales	1,596 97

Permits Issued

Type	Location	Number	Revenue
In-Transit	Borden/Carleton Scales Wood Islands Scales	68 13	\$340.00 \$65.00
Oversize	Borden/Carleton Scales Wood Islands Scales	706 14	\$21,260.00 \$340.00
Overweight	Borden/Carleton Scales Wood Islands Scales	167 5	\$4,175.00 \$125.00
Trip	Borden/Carleton Scales Wood Islands Scales	404 7	\$51,850.00 \$975.00
Fuel	Borden/Carleton Scales Wood Islands Scales	350 21	\$8,750.00 \$525.00
Work	Borden/Carleton Scales Wood Islands Scales	68 3	\$14,100.00 \$700.00
Non-Compliance	Borden/Carleton Scales Wood Islands Scales	117 0	\$11,700.00 0.00
Disinfection Fees	Borden/Carleton Scales Wood Islands Scales	1,354 12	\$14,217.00 \$126.00
Other Category B	Borden/Carleton Scales Wood Islands Scales	0 0	0.00 0.00
TOTALS	Borden/Carleton Scales Wood Islands Scales	3,234 75	\$126,392.00 \$2,850.00

Recorded Violations

Item	Location	Number	Revenue
Roads Act	Borden/Carleton Scales	83	\$10,849.00
	Wood Islands Scales	4	\$502.00
Highway Traffic Act	Borden/Carleton Scales	13	\$1,460.00
	Wood Islands Scales	8	\$1,610.00
Dangerous Goods Act	Borden/Carleton Scales	0	0
	Wood Islands Scales	0	0
	Portables	0	0
TOTALS	Borden/Carleton Scales	96	\$12,309.00
	Wood Islands Scales	12	\$2,112.00

Enforcement Officers conduct Commercial Vehicle Safety Alliance (CVSA) roadside inspection of drivers and vehicles and loads carried.

Vehicles inspected fall into three categories:

- Pass (CVSA sticker applied to vehicle)
- Out of Service (vehicle must be towed or repaired before it proceeds)
- Restricted (Vehicle must be repaired before next dispatch).

Driver's inspected fall into two principle areas:

- Non-compliant
- Compliant

These inspections would include hours of service (log book), status of license, required endorsements, etc.

Commercial Vehicle Safety Alliance Statistics

Item	2009-2010	2010-2011
Total Number of Trucks & Truck Trailers Inspected	582	575
Power Units Out Of Service	79	45
Tractor Trailers Out Of Service	28	12

The Portable Scale Unit consists of one vehicle and portable wheel weigher scales. The unit is staffed by two permanent full-time officers.

Officers enforce the *Roads Act*, *Vehicle Weight Regulations*, *Highway Traffic Act*, *Transportation of Dangerous Goods Act*, *Fuel Tax*, *Plant Health Act* and *Animal Health Act*.

Portable Scales Statistics

Charges	Revenue
228	\$ 49,151.00

Carrier Management

The National Safety Code Auditor completed 32 educational visits to carrier locations throughout the province. As well, there were thirteen Carrier Audits completed and four presentations to transportation groups on the new Hours of Service Regulations.

Dealer Audits

Highway Safety Officers completed audits of the Licensed Dealers in P.E.I. These audits are to ensure compliance with the regulations for holding a Dealer's Trade License.

PUBLIC WORKS and PLANNING DIVISION

The Division provides the staff and resources required to:

- Complete strategic planning for the highway network and other transportation sectors.
- Complete the design and construction of new, as well as, renovation of existing buildings for Government departments, boards, and agencies.
- Operate and maintain buildings owned or leased by the Department.

General activities and specific projects carried out by each Section are summarized as follows:

PLANNING

The Planning Section is responsible for the assessment and analysis of transportation requirements and policies within the Province, including road, air and marine modes. This section also provides professional engineering support and direction, as resources permit, in the following areas:

- strategic and functional highway planning;
- participation in numerous federal/provincial/territorial committees working on transportation policy issues;
- strategic federal policies, regulations, infrastructure and services on Prince Edward Island;
- creation of briefing packages for national and regional meetings attended by the Minister and Deputy Minister;
- creation of preliminary design options;
- department representation during the planning and implementation of infrastructure development projects on behalf of municipalities and community development groups;
- preparation and review of traffic studies, site impact analysis, and level-of-service analysis;
- facilities planning;
- project management support and supervision for special projects relating to transportation planning, design and highway construction; and
- support and planning with regard to the implementation and management of transportation research initiatives and new technologies which have the potential to contribute to the enhanced economic development by improving safety and efficiency on the provincial highway network.

Planning Section staff represent the Province on several national, international, regional, and provincial committees, including the following:

- Aviation Standing Committee
- Policy and Planning Support Committee (PPSC)
- NHS Review Task Force
- 511 Traveler Information Task Force
- Sustainable Transportation Task Force
- Transportation Report Card Task Force
- Intercity Bus Service Task Force
- Atlantic Canada Airports Association
- Board of Examiners, Land Surveyors Association (Chair)
- Climate Change Working Group
- Data Strategy Committee, Climate Change
- Atlantic Provinces Transportation Committee
- Atlantic Intelligent Transportation Systems Committee
- Northeast Can-Am Connections management committee
- North Atlantic Transportation Planning Officials
- Atlantic Provinces Transportation Forum

In addition, the section is responsible for monitoring activity and progress of various other committees and task forces where relevant.

The Planning Section was involved in various projects, including the following:

National Highway System

Following the success of the Planning section's efforts to expand the National Highway System (NHS) in 2004 and 2005, work has continued on the F/P/T NHS Review Task Force to address the need for ongoing review of the NHS and development of a regular report card on NHS condition and performance nation-wide. On PEI, Routes 1, 1A, 2, and 3 comprise the NHS.

Atlantic Canada Transportation Strategy

At the direction of Atlantic Ministers of Transportation, a task force was formed in the fall of 2005 to develop an Atlantic Canada transportation strategy. The Planning section represented the province on this task force. The strategy document, entitled "*Charting the Course: Atlantic Canada Transportation Strategy 2008-2018*" was released by Atlantic Ministers responsible for transportation in January 2008. The strategy identifies a common vision for regional transportation, strategic regional multi-modal infrastructure, challenges facing transportation in Atlantic Canada, and an action plan to address these challenges. Progress on issues identified in the Strategy is measured each year, and an annual progress update is planned, pending Atlantic Ministers approval.

Atlantic Gateway

The four Atlantic provinces are working collaboratively with the federal government on the development of an Atlantic Gateway Strategy. Section staff represented the province during the initial phase of this project, and continues to be involved in developing PEI's Atlantic Gateway projects.

Transportation Infrastructure Needs

The assessment of road infrastructure needs is ongoing. Road infrastructure needs are monitored regularly and summarized often to quantify the need, enabling effective planning for infrastructure funding. The provinces National Highway System is the primary highway in the Province; monitoring and addressing its infrastructure needs remains a priority. To this end, the Planning Section works with the Capital Projects Division to update the need assessment for this network as required, including road and bridge reconstruction and rehabilitation.

BUILDING DESIGN AND CONSTRUCTION

The Building Design and Construction Section is responsible for the design and preparation of tender documents required for the construction or renovation of various government and client buildings; as well as the supervision and inspection of construction work to ensure that contracts are completed in accordance with plans, specifications, and budget allocations. The design work is either performed by staff or private consultants, engaged for a specific project. The design and planning work includes the following:

- evaluation of existing buildings
- development of concept plans
- preparation of cost estimates
- preparation of working drawings and specifications required to obtain tenders, receipt of tenders and preparation of construction contracts
- construction contract administration and quality control
- preparation of request for proposals covering required consultant and construction management services and evaluation of these proposals.

Construction Management, with multiple trade contract packages, was used for the QEH Ambulatory Care Centre project and Health's Long Term Care Facilities, in lieu of the traditional lump sum general contract tender. This approach expedited the projects, increased the amount of competition and especially at the QEH Ambulatory Care Redevelopment project assisted with scheduling the work to meet the needs for continued operations at the acute care hospital.

Design work was completed and tenders were received during the year for the following projects:

SCHEDULE OF CONSTRUCTION TENDERS RECEIVED

APRIL 1, 2010 - MARCH 31, 2011

East Prince Waste Management Facility - Interior & Exterior Renovations - April 1, 2010

GIA Limited	\$160,000.00
Island Windows, Doors & Siding	\$194,119.94
MacLellan Construction	\$297,503.67

West Royalty Elementary School - Kindergarten Addition General Construction - April 1, 2010

WM&M (1993) Ltd	\$878,000.00
MacLean Construction	\$895,500.00

L.M Montgomery School - Kindergarten Addition - April 22, 2010

MacLean Construction	\$867,700.00
Brighton Construction	\$874,000.00
WM&M (1993) Ltd.	\$933,000.00

<u>Crowbush Cove Clubhouse - April 29, 2010</u>	
BruMac	\$78,800.00
MacLean Construction	\$87,127.00
<u>Royalty Centre - Partial Metal Cladding - May 4, 2010</u>	
MacLean Construction	\$23,982.00
<u>QEH Ambulatory Care Centre- Structural Steel - May 6, 2010</u>	
MacDougall Steel	\$849,967.00
Prebilt Structures Ltd.	\$853,900.00
Livingston Steel Inc.	\$899,750.00
<u>Colville Manor LTC - Site Access & Building Pad Preparation - May 12, 2010</u>	
Kings County Construction	\$101,615.67
Chapman Bros. Construction	\$133,360.00
G&P Trucking & Construction	\$220,400.00
Island Coastal Services Ltd.	\$243,755.00
Cardigan Excavators Ltd.	\$266,440.00
<u>Tracadie Cross Convent - Selective Demolition - May 18, 2010</u>	
Enviro Clean Ltd.	\$53,320.00
Marenco Engineering Ltd.	\$67,981.00
<u>Maplewood LTC - Site Access & Building Pad - May 18, 2010</u>	
Stewart Enterprises Ltd.	\$166,168.07
Island Coastal Services Ltd.	\$194,274.30
AJL LTD.	\$207,000.00
HI Construction Ltd.	\$223,450.00
G.E. MacNeill Construction Ltd.	\$223,800.00
Northern Enterprises	\$325,438.00
<u>QEH Ambulatory Care Centre - Elevator - May 20, 2010</u>	
Thyssen Krupp Elevator (Canada) Ltd.	\$99,750.00
<u>Bloomfield Elementary School - Ventilation System - May 28, 2010</u>	
GIA Ltd.	\$332,339.00
Entire Mechanical	\$424,400.00
<u>Colville LTC - Foundation - June 1, 2010</u>	
G.E. MacNeill Construction	\$197,000.00
Southern Kings Construction	\$271,000.00
MacLean Construction	\$328,000.00
<u>Maplewood LTC - Foundation - June 1, 2010</u>	
Perry's Construction	\$142,000.00
G.E. MacNeill Construction	\$166,000.00
W.L. Construction	\$181,908.30
GIA Ltd.	\$282,000.00
<u>Sherwood Elementary School - Mobile Addition - June 3, 2010</u>	
BruMac Construction	\$82,870.00
WM&M (1993) Ltd	\$91,940.00

<u>Various Schools - Gym Dividers - June 15, 2010</u>	
Centaur Products	\$36,925.00
<u>Ecole La Belle Cloche - Millwork - June 17, 2010</u>	
Prestige Kitchens	\$6,950.00
MacKenzie's Woodwork	\$9,375.00
TWK Kitchens	\$9,699.00
Supreme Kitchens Inc.	\$9,950.00
Atlantic Premiere	\$11,000.00
Store Mark	\$11,500.00
<u>Miscouche Consolidated - Mobile Addition - June 17, 2010</u>	
Wellington Construction	\$37,755.00
WM&M (1993) Ltd.	\$37,861.00
MacLellan Construction	\$52,646.25
<u>Ecole La Belle Cloche - Kitchen Upgrades - June 22, 2010</u>	
Cahill Construction	\$34,895.00
Clinton Construction	\$39,540.00
<u>Ecole Evangeline - Interior Renovations - June 30, 2010</u>	
GIA Ltd.	\$54,000.00
Wellington Construction	\$54,893.00
R&R Construction	\$127,943.00
<u>Ecole Sur Mer - Exterior Lighting Upgrade - June 30, 2010</u>	
Jamieson Electric	\$8,468.00
Waite's Electric	\$10,700.00
DBA Solar	\$11,490.00
Entire Electric	\$14,980.00
<u>Colville LTC - Roofing (Asphalt Shingles)- July 6, 2010</u>	
McBeth Brothers Roofing	\$110,950.00
<u>Colville LTC - Roofing (Modified) - July 6, 2010</u>	
Atlantic Roofers Ltd.	\$119,797.00
A-Tech Roofing	\$134,700.00
<u>Maplewood LTC - Roofing (Modified) - July 6, 2010</u>	
Ashe Roofing	\$78,800.00
Atlantic Roofers Ltd.	\$119,797.00
A-Tech Roofing	\$134,700.00
<u>Maplewood LTC - Roofing (Asphalt Shingles) - July 6, 2010</u>	
GIA Ltd.	\$79,000.00
Wellington Construction	\$99,624.00
MacBeth Brothers Roofing	\$113,850.00
<u>Maplewood LTC - Building Envelope - July 6, 2010</u>	
GIA Ltd.	\$565,000.00
Wellington Construction	\$728,755.00
A.E. Enterprises	\$793,346.00

Colville LTC - Building Envelope - July 13, 2010

A.E. Enterprises Inc.	\$738,000.00
Southern Kings Construction	\$742,300.00
B. Clinton Construction	\$781,770.00
Wellington Construction	\$898,769.00

Sherwood School - Interior Renovations - July 13, 2010

WM&M (1993) Ltd.	\$107,000.00
Milton Jenkins Construction	\$109,890.00
Brumac Construction	\$112,500.00
MacLean Construction	\$119,450.00

Maplewood LTC - Full Site Development - July 27, 2010

Stewart Enterprises Ltd.	\$455,200.67
AJL Ltd.	\$493,000.00

QEH Ambulatory Care Centre - Roofing - July 27, 2010

Ashe Roofing	\$468,360.00
McCarthy's Roofing	\$469,000.00
Atlantic Roofers	\$499,700.00
Flynn Canada Ltd.	\$543,000.00
A-Tech Roofing	\$648,400.00

QEH Ambulatory Care Centre - Building Envelope - July 27, 2010

MacLean Construction	\$1,218,070.00
WM&M (1993) Ltd.	\$1,326,000.00

Colville LTC - Site Work - July 29, 2010

Kings County Construction	\$424,405.50
Island Coastal Services	\$480,000.00
Chapman Bros. Construction	\$595,856.00

Royalty Centre - Partial Roof Replacement - July 29, 2010

Ashe Roofing Ltd.	\$72,700.00
Atlantic Roofers	\$94,970.00

Tracadie Cross Youth Facility - Renovation - August 3, 2010

Brumac Construction	\$324,870.00
Gill Construction	\$327,440.00
MacLean Construction	\$359,000.00
WM&M (1993) Ltd.	\$397,000.00

QEH Ambulatory Care Centre - Aluminum Windows, Doors & Curtain Walls - August 10, 2010

Royal Door Ltd.	\$388,625.00
O'Connor Glass Ltd.	\$552,080.00

QEH Ambulatory Care Centre - Slab on Grade - August 10, 2010

MacLean Construction	\$276,900.00
WM&M (1993) Ltd.	\$286,000.00

Eastern Kings School - Demolition - August 12, 2010

Bulldog Demolition	\$81,750.00
G&P Trucking & Construction Ltd.	\$129,749.00
Island Coastal Services	\$191,150.00
Vector Demolition Inc.	\$313,500.00

Colville LTC - Mechanical - August 12, 2010

Bevan Bros. Ltd	\$1,788,000.00
Precision Mechanical	\$1,796,000.00
Entire Mechanical	\$1,824,600.00
Hynes & Smith Plumbing & Heating	\$2,034,712.00

Maplewood LTC - Mechanical - August 12, 2010

Bevan Bros. Ltd.	\$1,778,000.00
Precision Mechanical	\$1,779,000.00
Entire Mechanical	\$1,824,600.00
Ron's Plumbing & Heating Inc.	\$1,920,000.00

Maplewood LTC - Electrical - August 12, 2010

Olympia Electric	\$1,088,000.00
Hansen Electric	\$1,103,000.00
Jamieson Electric	\$1,178,000.00
Entire Electrical	\$1,470,797.00

Colville LTC - Electrical - August 12, 2010

AG Electric Ltd.	\$927,700.00
Olympia Electric	\$1,088,000.00
Hansen Electric	\$1,136,600.00
Entire Electrical	\$1,508,359.00

Colville LTC - Mechanical - August 12, 2010

Bevan Bros. Ltd.	\$1,788,000.00
Precision Mechanical	\$1,796,000.00
Entire Mechanical	\$1,824,600.00
Hynes & Smith Plumbing & Heating	\$2,034,712.00

QEH Ambulatory Care Centre - Heating, Ventilation & A/C - August 19, 2010

Entire Mechanical	\$2,141,000.00
Atlantica Mechanical	\$2,479,000.00

QEH Ambulatory Care Centre - Plumbing, Medical Gas & Heating - August 19, 2010

Entire Mechanical	\$2,610,000.00
Precision Mechanical	\$4,244,000

QEH Ambulatory Care Centre - Electrical - August 19, 2010

Hansen Electric	\$2,987,000.00
Olympia Electric	\$3,072,000.00

Hillsborough Hospital Bldg# 2- Exterior Building Painting - August 27, 2010

The Paint Man	\$4,700.00
Premium Painting	\$5,000.00
Mallard Painting	\$7,284.00
Stu Constable Painting	\$7,500.00

<u>Hillsborough Hospital Bldg #3 - Exterior Building Painting - August 27, 2010</u>	
Premium Painting	\$6,000.00
The Paint Man	\$7,785.00
Mallard Painting	\$8,480.00
Stu Constable Painting	\$8,500.00
<u>QEH Ambulatory Care Centre - Sprinkler - September 2, 2010</u>	
Edwards Sprinkler	\$444,000.00
LeBlanc Sprinkler Ltd.	\$475,000.00
<u>Maplewood LTC - Concrete Slab on Grade - September 9, 2010</u>	
Wellington Construction	\$255,775.00
Perry's Construction	\$400,000.00
<u>Colville LTC - Concrete Slab on Grade - September 9, 2010</u>	
G.E. MacNeill Construction	\$298,000.00
B. Clinton Construction	\$375,742.00
<u>Morell Consolidated School - Early Years Centre - September 17, 2010</u>	
WM&M (1993) Ltd.	\$159,000.00
MacLean Construction	\$188,900.00
<u>Crowbush Cove - Path Paving - September 28, 2010</u>	
G&P Trucking & Construction	\$13,420.00
Cecil Pauley Construction	\$15,290.00
Cardigan Excavators	\$17,150.00
Island Coastal	\$18,285.00
Island Construction	\$18,635.00
<u>TIR - CCTV Systems - September 30, 2010</u>	
Jamieson Electric	\$166,000.00
Hansen Electric	\$219,000.00
CAMACC Systems	\$247,303.50
<u>Tracadie Cross Sprinkler Building - September 30, 2010</u>	
Brumac Construction Ltd.	\$188,870.00
WM&M (1993) Ltd.	\$216,000.00
MacLean Construction	\$227,000.00
<u>Beach Grove Window Replacement - October 5, 2010</u>	
T&K Home Improvements	\$94,740.00
Island Windows, Doors & Siding	\$96,983.67
CDI Construction	\$117,000.00
WM&M (1993) Ltd.	\$131,000.00
<u>Colville LTC Flooring - October 7, 2010</u>	
Tile Master	\$243,000.00
Loyalist Marble & Tile Ltd.	\$274,000.00
<u>Colville LTC - Painting - October 7, 2010</u>	
Stu Constable Painting	\$76,873.00
Island Painting	\$108,499.00

<u>Maplewood LTC - Flooring - October 7, 2010</u>	
Loyalist Marble & Tile Ltd.	\$254,000.00
Tile Master	\$263,000.00
<u>QEH Fibre Backbone - October 12, 2010</u>	
Hansen Electric	\$83,800.00
Olympia Electric	\$87,900.00
<u>Colville LTC - Interior Partitions, Doors & Ceilings - October 13, 2010</u>	
CDI Construction	\$987,849.00
Southern Kings Construction	\$1,036,400.00
WM&M Ltd.	\$1,276,000.00
<u>Maplewood LTC - Interior Partitions, Doors & Ceilings - October 13, 2010</u>	
Wellington Construction	\$1,219,675.00
GIA Ltd.	\$1,247,000.00
<u>Maplewood LTC - Painting - October 26, 2010</u>	
Leigh McKenna	\$180,000.00
<u>Maplewood LTC - Accessories - October 28, 2010</u>	
Wellington Construction	\$239,000.00
<u>Colville LTC - Kitchen Equipment - November 3, 2010</u>	
Summertime Industries	\$338,960.00
Jessom Food Equipment	\$350,745.79
Ferguson Sales Incorporated	\$381,595.00
J.R. Mahoney Ltd.	\$422,411.63
<u>Maplewood LTC - Kitchen Equipment - November 3, 2010</u>	
Summertime Industries	\$338,502.00
Jessom Food Equipment	\$358,291.83
Ferguson Sales Incorporated	\$383,385.00
<u>Colville & Maplewood LTC - Laundry Equipment - November 16, 2010</u>	
East Coast Laundry	\$58,490.00
Harco Comp. Ltd.	\$67,860.00
MacArthur's Appliances	\$70,637.60
Ferguson Sales Incorporated	\$75,560.00
<u>Dundas School Demolition</u>	
Bulldog Demolition	\$78,634.88
Kings County Construction	\$98,769.00
G&P Trucking	\$98,959.00
<u>LCC Warehouse Floor In-fill - November 30, 2010</u>	
Ryson Interior Construction Ltd.	\$56,000.00
Brumac Construction	\$56,750.00
WM&M (1993) Ltd	\$62,000.00
<u>Colville LTC - Fire Protection - November 30, 2010</u>	
Island Sprinkler	\$162,000.00
Viking Fire Protection	\$264,000.00
Vipond Inc.	\$284,273.00
Edwards Sprinkler	\$350,000.00

Maplewood LTC - Fire Protection - December 7, 2010

Edwards Sprinkler	\$444,895.00
Viking Fire Protection	\$503,000.00

St. Theresa School - Demolition - December 9, 2010

Kings County Construction	\$74,500.00
Island Coastal	\$91,293.76
G&P Trucking	\$96,601.00
Ostridge Bros.	\$103,400.00

TIR Storage Warehouse - December 9, 2010

BernMar Construction	\$288,600.00
Island Windows, Doors & Siding	\$294,378.75
Ryson Interior Construction	\$329,995.00
MacLean Construction	\$323,000.00

East Wiltshire School - Flue Replacement - December 21, 2010

Precision Mechanical	\$52,600.00
Entire Mechanical	\$71,750.00

Tracadie Cross Youth Facility Bldgs B&C - Renovations - December 23, 2020

WM&M (1993) Ltd.	\$894,000.00
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Maplewood LTC - Millwork - January 11, 2011

Nova Wood Products Ltd.	\$524,000.00
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Colville LTC - Millwork - January 11, 2011

Chandlers Cabinet and Millwork	\$477,000.00
Les Construction des Iles	\$498,176.00
Nova Wood Products	\$551,000.00
Storemark	\$562,780.00

St. Eleanors House - Interior Renovation - January 11, 2011

Built Rite Construction	\$90,750.00
Island Windows Doors & Siding	\$99,000.00
Palmer Enterprises Ltd.	\$117,500.00

QEH Ambulatory Care Centre - Interior Fit Up - January 13, 2011

MacLean Construction	\$2,759,000.00
Brighton Construction	\$2,804,000.00
WM&M Ltd	\$2,923,000.00

QEH Ambulatory Care Centre - Interior Glazing - February 10, 2011

Royal Door Ltd.	\$596,245.00
Northfield Glass Group	\$605,000.00

QEH Ambulatory Care Centre - Flooring & Hard Tile - February 10, 2010

Tile Master Inc.	\$486,000.00
Floors Plus	\$852,637.00

QEH Ambulatory Care Centre - Cabinetry & Millwork - February 10, 2011

Hay Enterprises Inc.	\$548,000.00
Nova Wood Products	\$746,200.00

Wedgewood Manor - Electrical Service - February 17, 2011

Hansen Electric	\$94,800.00
DBA Solar	\$94,995.00
Entire Electrical	\$99,400.00

QEH - Exterior Fibre Installation - March 1, 2011

DBA Solar Electric	\$24,925.00
Hansen Electric	\$31,000.00

Miscouche Consolidated School - Addition - March 17, 2011

WM&M (1993) Ltd.	\$1,696,000.00
FitzGerald & Snow	\$1,774,800.00
Wellington Construction	\$1,823,184.00
MacLean Construction	\$1,831,700.00

Summerside Seniors Apartment Complex - March 31, 2011

Wellington Construction	\$2,999,555.00
CDI Construction	\$3,094,000.00
MacLean Construction	\$3,110,000.00
FitzGerald & Snow	\$3,236,400.00

Projects from Previous Year

Contract administration and quality control was also provided for the following projects that were tendered prior to April 1, 2010:

- Montague Regional High School - Trade Packages
- Beechwood Urgent Care - Addition
- Westwood Primary Kindergarten - Addition
- Department of Education - Office Space Fit Up, Phase II
- Stonepark Intermediate School - Music Room Renovation
- École La Belle Cloche - Kitchen Upgrades
- Stonepark Intermediate School - Sprinkler System
- Stratford Liquor Store - Interior Fit Up
- QEH Ambulatory Care Centre - Trade Packages

BUILDING MAINTENANCE AND ACCOMMODATIONS SECTION

The Building Maintenance and Accommodations Section is responsible for the provision of quality services for Government in the areas of building operations, maintenance, and accommodations; including the day to day operation and maintenance of Government buildings and systems. It is also responsible for the short and long term spatial requirements of Government Departments and Agencies within Government owned and/or leased facilities.

Building Maintenance and Accommodations Section projects included:

Kings County

Montague Office Complex

- Parking lot repairs
- Sidewalk repairs
- Installed entrance windbreak

Georgetown Courthouse

- Exterior painting
- Driveway repairs

Mount Stewart Materials Lab

- New flues install in extraction room
- Insulated and sheathed shaker building

Orwell Corner Historic Village

- Installed new risers on septic system

Island Scale House

- Painted scale deck

Basin Head Fisheries Museum

- Installed new flue system
- Flashed and shingled gable end, doors and windows

Montague Service Centre

- Parking lot repairs
- Interior painting

Elmira Railway Station

- Supplied paint

Lea Crane Building

- Replaced generator

MacPhail's Homestead

- Exterior structural repairs
- Interior and exterior painting

Southern King's and Queen's Food Bank

- Renovations on building
- Heating upgrade

Brudenell River Golf Resort

- Replaced pole lighting in parking lot and roadway entrance

Fisheries Aquacultural Rural Development

- Installed concrete base and flagpole

Highway's Veteran Memorial Route 2

- Installed concrete base and flagpole

Rollo Bay School

- Installed new submersible water pump

Queens County

Cavendish Visitors Information Centre

- Installed new flooring in kitchen area
- Interior painting of kitchen and RCMP area
- Landscape of lawns
- New door in basement to Parks Canada space

Provincial Correctional Centre

- New chain link fence
- Repairs to walls and new razor wire around exercise yards
- Wiring for security cameras
- New oil tank for diesel generator
- Paving of parking lots
- Maintenance painting done in some areas

Jones Building

- Maintenance painting
- Renovations to 5th Floor Boardroom
- New light fixtures on 3rd Floor
- New flooring in tunnel
- New ventilation control in 5th Floor Boardroom
- PVB transformer removed from electrical room

Shaw Building

- New ceiling in basement by boardroom
- Renovations to 3rd Floor Centre and North
- New flooring 5th Floor North
- 3rd floor South boardroom rewired
- New window blinds 1st Floor Centre and North sections
- Maintenance painting throughout building
- New dropped ceiling in Queens Printer reception area

Mona Wilson Building

- Installation of a new window

Sullivan Building

- Renovations to 2nd and 3rd Floors (walls, paint electrical, data, phones & flooring)
- New panel for Direct Digital Control System
- Maintenance painting
- New fans for air intake for air conditioner unit in penthouse

PAB Complex

- Humidification system upgrade
- Boiler room pump wired up to DDC System
- New water feeder pump in boiler room

Government House

- Purchased new tent
- Placement of topsoil and sod around new asphalt
- New fence constructed on south boundary line

Davies Court House

- Maintenance painting done in areas
- Well pump installed for air conditioning
- Roof repairs to sections of copper battens
- Security film installed on windows

Sherwood Business Centre

- Paint boardroom
- Renovations to Reception and Audiology areas

Holland Collage Royalty Centre

- Section of roof redone in modified roofing material
- HVAC upgrade to ITSS area in old carpentry shop
- Fit up of room 259 (electrical, data, phone, paint and carpet)
- Fit up of room 263 (electrical, data, phone and modular units)

Morrison Cottage

- New window blinds

Dairy Lab

- Installation of new autoclave in building (electrical and plumbing)

Aubin Arsenault Building

- Interior painting
- Clean out crawl space of debris and install a dehumidifier
- Install new CPU board to fire alarm panel

Province House

- Paint Legislative Room

Coles Building

- Repair exterior door steps
- Repair front lawn by Boer War Monument

Forestry Queens

- New roof installed

Four Neighborhoods

- Renovations to office space (painting, electrical, data, telephones and modular units)

Brecken Yates

- Renovations to office area and boardroom (carpet, paint, wiring, security and blinds)

Kelly Courthouse

- Security film installed on windows

Prince County

Alberton Access

- New flooring
- Interior painting

Alma Field Office

- New transfer switch for generator
- New motors on Air Handling Unit

O'Leary Access

- New flag pole
- Renovations to public washrooms
- Carpet replacement in public corridors

Mt. Pleasant VIC

- New water softener

Tyne Valley Youth Centre

- New water pump installed
- New water /sand separator

Tyne Valley Health Centre

- New UV light installed

Wellington Forestry

- Repair and paint siding on garage

Acadian Museum

- Replace pump

PEI Youth Centre

- Two new flues
- 3 new sets of doors

Prince County Courthouse

- Paved parking lot

Kensington Potato Services Building

- Interior painting
- New blinds

Borden Scale House

- Painted interior

Government Garage

- Installed more heating in garage area
- Air conditioning changes
- Interior painting

Access PEI Summerside

- Remolded 1st Floor West

LAND AND ENVIRONMENT DIVISION

The Land and Environment Division is comprised of three Sections including Environmental Management, Properties and The Office of the Provincial Chief Surveyor. The Division provides the staff and resources required to:

- provide environmental management and regulatory compliance services for the Department, and for others conducting activities within the Provincial right-of-way.
- provide core land management and administration for all government lands and holdings, and real estate services on behalf of all government departments.
- provide land and engineering surveying services for the Department and other government agencies, provide expertise on boundary law and the law on public roads, and maintain the Provincial cadastral infrastructure.

General activities and specific projects carried out by each Section are summarized below.

ENVIRONMENTAL MANAGEMENT SECTION

The Department's Environmental Management Section (EMS) is responsible to ensure environmental management and regulatory compliance during construction and maintenance work performed by the Department, or by others, within the Provincial right-of-way (ROW). The Section implements an Environmental Management System that includes the following key elements: departmental project approval process; environmental protection planning; project inspections and compliance monitoring; environmental education and training; environmental design and planning; policy/program development; environmental assessments and studies; public consultation and public partnering projects. Highlights of the Section's activities are provided below.

PROJECT REGISTRATION AND APPROVAL PROCESS

The Department's approval process remains the cornerstone for environmental control on a project-by-project basis. This process requires each maintenance or construction project, or any work activity by others within the Provincial ROW, be registered with the Environmental Management Section (EMS) through submission of a project application form and/or with a site meeting. Subsequently, the proposed projects are inspected and assessed for potential environmental effects, and an approval-to-proceed is issued complete with project specific conditions-of-approval. All field staff working within the Environmental Management Section are designated as Environmental Protection Officers under the *PEI Environmental Protection Act*. All approvals issued by the EMS are issued under authority of the self-permitting agreement that has been developed between the Department of Transportation and Infrastructure Renewal and the Department of Environment, Energy, and Forestry (DEEF).

Project Approvals

The EMS issues four types of project approvals. The type of approval issued is based on an assessment of the environmental risk associated with the project, the time of year, and the method in which the project will be completed. The four types of project approvals are:

- Blanket Approval;
- Field Approval;
- Approval-to-Proceed; and
- Approval-to-Proceed with accompanying Watercourse, Wetland or Buffer Zone Activity Permit issued by DEEF.

The Section processed 282 environmental assessments/project approvals during 2010/2011, including 202 field approvals. A summary of the 282 approvals issued during the year is provided in the table below. They are categorized by county and approval-type. Typically, each approval involves a pre-construction project site inspection, identification of job-specific conditions-of-approval, issuance of the approval-to-proceed, and follow-up environmental compliance inspections on each project.

Environmental Management Section Project Approvals

County	Blanket Approval	EMS Approval (only)	EMS Field Approval	EMS Approval & DEEF Permit	Total
Prince	6	5	60	4	78
Queens	6	20	83	4	117
Kings	6	11	59	8	87
Province	18	36	202	16	282

Blanket Approvals

Across the Province, the Department conducts several activities that are repetitive in nature with low potential for causing adverse environmental effects. To simplify the approval process for these types of activities, the activities have been grouped by activity-type and each activity-type has been assigned a *blanket approval* with standardized conditions-of-approval. Generally, a blanket approval provides authorization for multiple projects of the same activity-type to be completed under a district by county-based approval.

EMS now issues blanket approvals to our Highway Maintenance Division (HMD), Bridge Maintenance Section, Capital Projects, Confederation Trail, Canada Post, and Maritime Electric. The issuing of these approvals allows us to streamline the project registration and approval process while at the same time maintaining established standards of environmental protection. A summary of projects completed in each county during 2010/2011 for the various blanket approval types is provided in the table below.

Blanket Approval Summary

Blanket Approval Type	Number of Blanket Approval Projects Completed			
	Kings County	Queens County	Prince County	Provincial Total
Millings Placement	12	34	5	51
Road Bump Installations	1	3	3	7
Shore Access	3	8	9	20
Maintenance of Environmental Controls	34	38	28	100
Guardrail Reinstatement (with shoulder work)	9	29	15	53

Confederation Trail Surface and Slope Repairs	6	10	8	24
Confederation Trail Vegetation Management	2	2	6	10
Ditching	23	37	86	146
Brush Cutting	134	54	93	281
Timber Pile Bridge Minor Repair	1	2	3	6
Resurfacing Unpaved Roads within 30 m of Watercourse/Wetland	33	38	20	91
Surface Water Cross Culvert Replacement	7	17	22	46
Repair, Increase or Replace Stabilization Materials at Watercourse/Wetland	8	18	26	52
Maintenance of Provincial Tap Drains	1	4	9	14
Shoulder grading/planing & Material Placement	19	54	16	89
Repair/Replace Timber floors	4	3	0	7
Painting Bridge Structures	6	5	0	11
Asphalt Overlay	14	10	0	24
Debris Removal from Structures	2	2	1	5
Totals	319	368	350	1037

Field Approvals

The field approval enables a project proponent to receive an approval-to-proceed from the EMS Environmental Officer at the initial site meeting, with no additional paperwork or submission requirements. Most projects that receive a field approval have a greater potential for causing environmental impacts than those authorized under a blanket approval, yet are considered to have less potential for causing impacts than those projects that would receive an EMS Approval-to-Proceed. In 2010/2011, 202 field approvals were issued.

EMS Approval-to-Proceed

The EMS Approval-to-Proceed permit allows our Environmental Management Section to issue approvals for projects that present a higher degree of environmental risk. Each proposed project is subject to an application process that provides a Departmental Environmental Officer with an opportunity to review the project, workplan, timeframe, assess the potential impacts and develop a set of conditions to be followed. In 2010/2011, 36 EMS Approval-to-Proceed permits were issued.

EMS Approval-to-Proceed with DEEF Watercourse, Wetland, or Buffer Zone Activity Permits

Projects which are approved under the EMS Approval-to-Proceed with DEEF Watercourse, Wetland, or Buffer Zone Activity permits are subject to review by EMS, the provincial Department of Environment, Energy, and Forestry and, in some circumstances, Fisheries and Oceans Canada. These types of projects include activities which are considered to be of significant risk to the environment. Similar to the EMS Approval-to-Proceed permit, projects approved under this type of permit are subject to an application process, which involves a review of the project, workplan, timeframe, and an assessment of the potential environmental impacts. Upon completion of the review, an approval with specific conditions is issued.

Environmental Audit Results

A joint end-of-construction season environmental audit was conducted in the Fall of 2010 with representatives from the Department of Environment, Energy & Forestry and Fisheries and Oceans Canada. Eighteen projects were scheduled to be audited from across the Province. The audit results, which rate project compliance with assigned conditions-of-approval, conclude that TIR projects conducted in the 2010 construction season meet their associated environmental requirements. This rating is consistent with the Department's environmental performance for previous years, indicating consistently strong environmental performance by the Department, with opportunities for improvement, training, and ongoing communication.

MISCELLANEOUS INITIATIVES AND SERVICES

The EMS is involved with completing or coordinating a variety of additional environmental initiatives/ services. Some of the more notable are described below.

Harmful Alteration Disruption or Destruction (HADD) Habitat Banking Initiative

TIR undertakes a limited number of projects that may result in a harmful alteration disruption or destruction of fish habitat, known as HADD. For these projects, EMS staff negotiate with Fisheries and Oceans Canada to determine appropriate compensation for the HADD; this negotiation is very time consuming, expensive, and often difficult to resolve. Our Department, like many jurisdictions across Canada, has established a Habitat Bank. This bank allows us to continue our beneficial partnerships with local watershed groups in improving and creating fish habitat. Such habitat enhancement and creation projects are measured, assigned a HADD Credit amount and the results "banked". This bank is then available for "withdrawals" against Department projects that result in HADD.

Joint Committees

In 2009, two committees were formed to further improve communication and cooperation between staff with our Department and local/regional Fisheries and Oceans Canada, as well as Provincial Department of Environment, Energy and Forestry. A management committee and a technical committee, both comprised of members of these agencies, met on a number of occasions in 2010/2011. The Committees continue to meet to address ongoing cooperation and communication toward successful working relationship with overlapping roles of regulation and compliance.

Training Delivered

In 2010/2011, EMS staff coordinated environmental management round-table discussion sessions with TIR Divisions, including Highway Maintenance and Confederation Trail. A new session was delivered to project managers with Capital Projects and Planning and Public Works Divisions. The topics of these sessions included TIR environmental policies and procedures, changes to the Environmental Protection Act, as well as the installation of proper environmental

controls and activities such as in-stream culvert work, ditching, etc. EMS staff also made presentations to HMD and Confederation Trail staff at Spring Orientation sessions. EMS has also made presentations to local watershed groups, participants of a watershed management course offered at UPEI, and the PEI Environmental Advisory Committee in 2010/2011.

Policy and Program Development

The EMS develops and/or administers various Departmental policies and programs to assist in providing structured implementation of Departmental objectives and activities. The policies ensure that a consistent and clear approach to specified activities is understood and followed by the Department, as well as external agencies or persons such as engineering consultants, contractors or municipalities performing these same activities within the Provincial ROW.

Programs

- Adopt-A-Highway Program
- Agricultural Siltation into ROW
- Environment Fund Program
- Fish Passage Restoration Program
- Environmental Audit Program
- Maritime Electric Tree Trimming Program

Policies

- Highway-related Beaver Management
- Seeding Policy
- Fuel Spill Response Procedures
- Water Well Replacement Policy
- Wetland Conservation Policy
- Culvert Sizing Policy
- Approval-to-Proceed-Renewal/Modification/Extension Policy

Designated Scenic Heritage Roads

The EMS coordinated development of a Management Strategy for Designated Scenic Heritage Roads (DSHRs). The strategy recognizes that the historical and aesthetic value of the DSHRs are best protected through limited disturbance and change, and provides a practical guide for implementation of cost-effective protection methods to maintain the heritage of these unique roads and their surrounding sensitive environments including watercourses. Designation and administration responsibilities for scenic heritage roads are outlined in the *Roads Act*. The EMS ensures best management and minimal disturbance of the 12 DSHRs through reviewing and approving works undertaken on these roads in consultation with a provincial wildlife biologist.

Agriculture-related Work

In effort to control the potential effects of agriculture-based projects on the Provincial ROW, the EMS established a protocol with the Provincial Agriculture Department that requires their identification of proposed projects through submission of Project Registration Applications to the EMS. The EMS then coordinates onsite project assessments with Agriculture representatives to identify and resolve any Department-related issues including methods to avoid ROW impacts, cost responsibility for any associated Department work, restoration requirements for effected ROW areas, etc.

Agricultural Encroachment on ROW

Each year, Provincial ROWs are significantly impacted by agricultural operations in a number of locations across the Province. These impacts include: excessive stormwater flow being directed into the ROW; eroded sediment depositing in ditches and culverts; liquid manure flowing into ditches and culverts; and, vegetable processing wash water being directed into ditches and culverts. EMS staff identify these encroachments, gather applicable information and forward a complaint to the Provincial Agriculture Department who, in turn, work with the land owner and TIR to rectify the problem.

Adopt-A-Highway Program

Building on the success of the Federated Women's Institute Annual Roadside Cleanup, this Program enables Islanders to expand their efforts to combat roadside litter. The EMS, with the assistance of the Provincial Environment Department, developed the Adopt-a-Highway Program and coordinates implementation of the Program for the Province. Businesses, community groups and organizations can adopt a minimum five kilometre section of Island roadway and agree to conduct a Fall and Spring cleanup each year.

Fish Passage Restoration Program

The EMS and HMD continue to work with local watershed groups from across the Province, the Atlantic Salmon Federation, and the Provincial Department of Environment, Energy, and Forestry to identify and repair fish passage barriers at highway culverts.

Environmentally-based Community/Public Partnering Projects

The EMS annually coordinates the Department's involvement in a variety of environment-related community/public partnering initiatives that enhance the environment or provide environmentally beneficial results for the general public. These requests for assistance typically involve work that can be grouped into four categories: sediment control; fish passage restoration; erosion control; and, community access. Department work may involve in-kind provision of materials or services by the EMS and Highway Maintenance Division. The EMS worked with 28 local community and watershed based groups in 2010/2011 to coordinate the completion of 52 watershed based improvement projects.

Beaver Management

The EMS coordinates a Beaver Management Program, consist with the Departments Beaver Management Policy, developed to address the problem of highway culverts frequently being obstructed by beaver activity. During the summer, three Beaver Management Workers (BMW's) are hired to pro-actively identify and address road-related beaver problems across the Province using the preferred management method of "by hand" restoration. This program is a cooperative cost shared program between the EMS and the Forests, Fish and Wildlife Section of EEF. The cost of hiring the BMW's is small compared to the potential cost of responding to emergency events such as floods and washed out roadway culverts caused by beaver activity, as well as potential damage to surrounding property and aquatic ecosystem. The BMW's identified and managed beaver problems at 177 sites in 2010.

Committee Participation

The EMS represents the Department on a number of inter-governmental and external committees. The following is a list of some committees that the EMS has participated on:

- Stanley/Hope River Watershed Stewardship Committee
- Transportation Association of Canada (TAC) Environment Council
- Transportation Association of Canada (TAC) Road Salt Working Group
- Provincial Environmental Assessment Review Committee
- Information Technology Committee
- Litter Awareness Committee
- Natural Areas Protection Act Committee
- Provincial Government Climate Change Committee
- Provincial Land Use Coordinating Committee

Regulatory Approvals and Environmental Assessments

On behalf of the Department, the EMS acquires project approvals from external Federal and Provincial Regulators, and coordinates the completion of Federal environmental assessments/screenings for larger capital projects. The common types of approvals acquired include Navigable Waters Protection Act (NWPA) Approvals, Harmful Alteration, Disruption or Destruction (HADD) of fish habitat authorizations, Environmental Screenings under the Canadian Environmental Assessment Act (CEAA), and Provincial Watercourse, Wetland, or Buffer Zone Activity Permits.

NWPA Approvals

Administered by Transport Canada, NWPA approvals are acquired primarily for the Department's bridge replacement projects, and are intended to ensure that the public's right of navigation is protected from works which might interfere with navigation. The NWPA approval process includes submission of an application with project design plans and a project-specific environmental assessment (CEAA Screening), public advertisement of the project, and stakeholder consultations. The EMS submitted NWPA applications, and coordinated associated requirements of the approval process, for the St. Peters Bridge, West River Bridge, Priest Pond Creek Bridge, Darnley Bridge, and the Ross Corner Bridge Replacements.

CEAA Screenings

Projects that involve federal funding, or have a federal department designated as the lead regulating agency often require submission of a Canadian Environmental Assessment Act Environmental Screening report for review and approval.

THE OFFICE OF THE PROVINCIAL CHIEF SURVEYOR

This Office provides land surveying services and counsel on legal and technical aspects related to land surveying and maintains a close working relationship with the Properties, Capital Projects, Maintenance, Building Design and Construction Sections of the Department. Expertise and services are also provided to: other departments including Environment, Energy and Forestry, Tourism and Culture, Justice and Public Safety; to government agencies and boards; community groups; and to the greater legal, engineering and land surveying communities throughout the province. The following are essential functions of the Section:

- provide timely, comprehensive and efficient land and engineering surveying services on public roads and provincial lands;
- provide counsel and regulate surveys completed under the *Condominium Act*, *Natural Gas Act* or *Mineral Resources Act*;
- collect evidence and provide counsel on the tenure (public or private) of particular roads, rights-of-way and public easements in the Province;
- maintain and manage the provincial control survey networks and provide technical assistance to various GPS/GIS users on the provincial datum and mapping plane;
- maintain a library of documentary evidence and case law related to land tenure and surveying in Prince Edward Island and other provinces;
- Coordinate survey training sessions and develop standards for engineering and legal surveying crews within the Department, as well as coordinate and implement quality control standards for the collection of engineering surveying data to ensure accuracy and reliance sufficient to exceed high engineering design standards, and;
- provide a mechanism for the equitable resolution of boundary uncertainties.

Staff are specifically trained in land surveying and particularly the collection and assessment of boundary evidence. The Office is currently assessing in-house efficiencies, and will be making necessary adjustments to positions that will lead to a more efficient process to handle the various types of projects that the Office handles. Staff currently consists of one Professional Land Surveyor/Professional Engineer, two geomatics technicians, a research technician, a research/administrative support clerk, and two survey crews. A second position of Professional Land Surveyor/ Professional Engineer currently sits vacant, with efforts ongoing towards filling the opposition.

In the past year, approximately 150 files have been created in the Section, consisting of road status requests, right of way and easement acquisitions, and legal and topographic surveys.

Public Roads

In the past year, the Office has opened approximately 70 files relating to road width and status inquiries. Disputed public roads continue to consume a major portion of the Section's resources. Often at issue is the existence of a public road leading to the shore that is not visible on the ground, nor shown on the provincial highway atlas.

Throughout the past year, a significant if not unbalanced portion of the Office's resources were dedicated to defending the tenure of Provincial nonessential roads. The Section will be evaluating opportunities to address this situation.

Through ongoing research associated with individual requests regarding public roads, the Office has become more knowledgeable in the historic land tenure process associated with the development of the provinces road infrastructure.

Legal Surveys

In the past year the Office has undertaken a number of legal surveys. The majority of the legal surveys have been prepare either for road acquisitions such as lands for new Roundabouts, highway widening, and intersection re-alignment or for highway drainage easements through private lands.

Additional surveys have been undertaken by the office to facilitate the design and expansion of elementary schools, provincial manors, and general government facilities. These surveys generally include both the legal component of a boundary survey, together with the associated engineering surveys required for site design.

Provincial Survey Reference System

The reference network used by engineers, private land surveyors and government surveyors, has been in existence since the late 1960's. In the past twenty years minimal maintenance and replacement of the reference posts had been undertaken. At a request from the Provincial Land surveyors Association, this office has been studying a replacement system, that is more cost effective for government and industry. It is anticipated that a replacement system based solely of GPS will be established in the near future.

PROPERTIES SECTION

General Activities

The Properties Section is responsible for the provision of all real estate services on behalf of all government departments in regards to the ownership of provincial properties. Examples of the types of real estate services that are commonly provided are as follows:

- | | | |
|----------------|-----------------------|-----------------------|
| - Appraisals | - Leasing | - Consulting |
| - Acquisition | - Building Demolition | - Property Management |
| - Disposal | - Expropriation | - Public Tenders |
| - Negotiations | - Title Research | - Public Relations |
| - Marketing | - Paralegal Services | |

Real estate services are also provided to other government agencies such as the School Districts, Health Agencies, Energy Corporation, Island Waste Management Corporation, Liquor Control Commission, Museum and Heritage Foundation, Charlottetown Area Development Corporation, Holland College, Prince Edward Island Business Development Inc., Municipalities and other local Development Corporations formed to promote economic growth outside the larger municipal centres.

The Properties Section maintains a computer-based filing system (Land Information Management System - LIMS) capable of tracking property inventory, lease renewals, rental payments, properties acquired, sold and leased, production of reports pertaining to provincial land inventory and recording of requests received regarding provincial lands.

Staff members participate on various government committees, including the Land Use Coordinating Committee, Provincial Land Review Subcommittee, Natural Areas Protection Act Technical Advisory Committee, Resource Land Acquisition Fund Committee and the Rail Land Review Committee.

As of March 31, 2011, there were approximately 2000 essential properties (totalling 94,817 acres) and 100 surplus properties (totalling 556 acres) held in provincial ownership and under the management of various government departments.

For the period April 1, 2010 to March 31, 2011, the Properties Section received 461 enquiries related to provincial property matters.

Property Leases - April 1/10 to March 31/11

For the period April 1, 2010 to March 31, 2011 there were 96 lease agreements on 85 provincial properties (1264.35 acres) generating revenue for this period of \$36,500.00.

In addition there were an additional 166 lease or licence agreements on 394 provincial properties that are not revenue generating, i.e., leased to communities or nonprofit organizations for a nominal sum. This number also represents licences to carry on activities on the Confederation Trail and within the road right-of-way when approved by the appropriate authority.

Property Acquisitions (Not RLAF) - April 1, 2010 to March 31, 2011

Parcel	Location	Area ge	Amount	Notes
591636	Kildare South	5.40 acres	\$0.00	Property conveyed back to Province from Non-Profit organization as required by original deed of Conveyance to them.
1039015	Portage	0.61 acres	\$6,500.00	Property acquired for off-road parking.
171439	Georgetown	0.11 acres	\$5341.18	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.

177055	West St. Peters	0.36 acres	\$11,532.77	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
219246	Riverdale	0.14 acres	\$4150.00	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
653899	Little Harbour	1.80 acres	\$4197.89	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
251355	Murray Harbour North	0.61 acres	\$5988.95	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
117366	Bear River North	0.98 acres	\$5153.85	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
121707	St. Peters	0.69 acres	\$3383.40	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
68643	Summerside	9.5 acres with buildi ng	\$0.00	Acquired for Health & Social Services. Former owner conveyed property to Government ownership.
171389	Georgetown	0.23 acres	\$7218.66	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
817155	Lake Verde	0.60 acres	\$2775.00	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.

242594	Caledonia	60.00 acres	\$1000.00	Deposit paid to acquire Agreement of Purchase and Sale to acquire in FY11/12.
1030303	Summerside	0.05 acres	\$0.00	Acquired small portion of land required to provide frontage on street for new manor in Summerside.
114785	St. Margarets	100.0 0 acres	\$49,000.00	Acquired for the Department of Environment, Energy and Forestry (Forestry).
149252	Canavoy	1.41 acres	\$105,000.00	Acquired for the Department of Environment, Energy and Forestry, (Fish and Wildlife).
869271	Rustico	21.17 acres	\$147,000.00	Acquired for new school location.
282657	Mount Tryon	0.42 acres	\$3761.87	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
29835	Freeland	0.22 acres	\$2624.43	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
45880	West Point	0.50 acres	\$3031.27	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
46490	Glenwood	0.25 acres	\$2396.63	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
49866	Alaska	0.50 acres	\$4290.54	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
214791	Albany	0.04 acres	\$2791.37	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.

638973	St. Felix	0.42 acres	\$2721.57	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
402396	Portage	3.00 acres	\$2768.96	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
556381	St. Louis	0.30 acres	\$2349.74	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
592774	Milburn	1.50 acres	\$3252.12	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
690487	Central Kildare	0.38 acres	\$4124.42	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
674424	Freetown	0.36 acres	\$2523.98	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
501890	St. Lawrence	5.00 acres	\$6624.71	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
638783	St. Lawrence	5.00 acres	\$2510.93	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
868315	St. Felix	2.00 acres	\$3308.04	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
807941	Charlottetown	0.74 acres	\$3211.98	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.

94326	South Granville	37.00 acres	\$60,820.00	Acquired for the Department of Transportation and Infrastructure Renewal.
904094	South Granville	36.00 acres	\$59,180.00	Acquired for the Department of Transportation and Infrastructure Renewal.
324756	Wood Islands	12.00 acres	\$11,000.00	Acquired for the Department of Transportation and Infrastructure Renewal.
266015	St. Chrysostome	25.00 acres	\$0.00	Land Exchange for the Department of Environment, Energy and Forestry.
376673	Eamscliffe	8.10 acres	\$0.00	Property returned to Government ownership by non-profit organization as per reversionary clause.
700567	Tracadie Cross	1.09 acres	\$86,250.00	Acquired for the Department of Community Services, Seniors & Labour.
Total	39 Properties	343.48 acres	\$627,784.26	

Resource Land Acquisition Fund Expenditures - April 1, 2010 to March 31, 2011

Parcel	Location	Acres	Amount	Notes
173153	Avondale	37.00 acres	\$9,000.00	Acquired for the Department of Environment, Energy and Forestry, Forests, Fish and Wildlife Division. Designated as part of the Dromore Wildlife Management Area.
660241	Beach Point	1.43 acres	\$16,000.00	Acquired for the Department of Environment, Energy and Forestry, Forests, Fish and Wildlife Division.
242594	Caledonia	60.00 acres	\$2,000.00	Deposit paid to obtain Agreement of Purchase and Sale to acquire from FY 11/12.
259655	Peters Road	43.00 acres	\$35,000.00	Acquired for the Department of Environment, Energy and Forestry, Forests, Fish and Wildlife.
804245	Riverdale	53.00 acres	\$27,000.00	Acquired for the Department of Environment, Energy and Forestry, Forests, Fish and Wildlife.
157818	Glenfanning	50.00 acres	\$10,000.00	Acquired for the Department of Environment, Energy and Forestry, Forests, Fish and Wildlife.
10595	Pleasant View	0.00 acres	\$36,000.00	Acquired for the Department of Environment, Energy and Forestry. Two payments to be made \$36,000 FY 10/11 and \$36,000 FY 11/12. Acquired in partnership with the Nature Conservancy of Canada.

58578	Alaska	135.00 acres	\$47,000.00	Acquired for the Department of Environment, Energy and Forestry.
259663	Murray River	36.00 acres	\$23,500.00	Acquired for the Department of Environment, Energy and Forestry.
108043	Basin Head	0.00 acres	\$20,000.00	Acquired for the Department of Environment, Energy and Forestry. Purchased over time four payments \$20,000 FY 08/09, FY 09/10, FY 10/11 and FY 11/12.
1047919	Brae	30.00 acres	\$8,000.00	Acquired for the Department of Environment, Energy and Forestry.
1033257	Charlotteto wn	0.67 acres	\$2,000.00	Acquired for the Department of Environment, Energy and Forestry.
Total	12 Properties	446.10 acres	\$235,500.00	

Easements Granted - April 1, 2010 to March 31, 2011

Parcel	Location	Acreag e	Amount	Notes
343848	Charlottet own	0.042 acres	\$0.00	Easement granted to Maritime Electric, required for service to new construction at Holland College.
152868	Little Pond	0.58 acres	\$300.00 admin. fee	Easement granted to Maritime Electric for distribution line to private property parcel 152864.
1032317	Charlottet own	1.96acr es	\$0.00	Sewer easement granted to the City of Charlottetown to service Bio Commons Park.

595157	St. Eleanors	1.45 acres	\$300.00 admin. fee	Easement granted to the City of Summerside for transmission lines from their wind farm..
406439	Summerside	0.06 acres	\$0.00	Easement granted to the City of Summerside for sewer lift station.
825927	Charlottetown	0.21 acres	\$500.00 + \$300.00 admin. fee	Easement granted to the City of Charlottetown for a walkway.
390765	Charlottetown	0.05 acres	\$0.00	Easement granted to UPEI for high pressure water line.
322347	Summerside	0.19 acres	\$500.00 + \$300.00 admin. fee	Easement Granted to the City of Summerside for underground cable.
547273	Pisquid West	0.07 acres	\$0.00	Right of Way granted to improve site distance for access to adjacent property.
423764	Hermitage	0.046 acres	\$500.00 + \$300.00 admin. fee	Right of Way granted to access adjacent property.
Total	10 Propertie s	4.548 acres	\$3,000.00	

Easements Acquired - April 1, 2010 to March 31, 2011

Parcel	Location	Acreage	Amount	Notes
290809	Fredericton	0.07 acres	\$0.00	Acquired for highway drainage.
290981	Fredericton	0.07 acres	\$3,000.00	Acquired for highway drainage.
299768	Stratford	0.06 acres	\$0.00	Acquired for highway drainage.
284208	Hazel Grove	0.15 acres	\$500.00	Acquired for highway drainage.
898742	Fredericton	0.10 acres	\$0.00	Acquired for highway drainage.

451161	Souris West	0.21 acres	\$0.00	Acquired for highway drainage.
122481	Five Houses	0.51 acres	\$0.00	Acquired for highway drainage.
81661	Kelvin Grove	0.11 acres	\$0.00	Acquired for highway drainage.
753822	Fortune Bridge	0.12 acres	\$0.00	Acquired for highway drainage.
634147	Fortune Bridge	0.05 acres	\$0.00	Acquired for highway drainage.
859009	Stratford	0.71 acres	\$0.00	Acquired for highway drainage.
761833	Stratford	0.05 acres	\$0.00	Acquired for highway drainage.
909309	Stratford	0.05 acres	\$0.00	Acquired for highway drainage.
859892	Cornwall	0.02 acres	\$2,800.00	Acquired for realignment TCH.
550970	St. Peters	0.05 acres	\$0.00	Acquired for highway drainage.
120956	St. Peters	0.001 acres	\$0.00	Acquired for highway drainage.
343913	Charlottetown	0.02 acres	\$0.00	Acquired for subsurface fibre optic cable.
22202	Northam	1.07 acres	\$0.00	Acquired for highway drainage.
Total	18 properties	3.421 acres	\$6,300.00	

Disposals for Highways - April 1, 2010 to March 31, 2011

Parcel	Location	Acreage	Amount	Notes
608166	Ten Mile House	1.16 acres	\$300.00 admin fee	Old road bed closed and conveyed to adjacent property owner.
284208	Hazel Grove	0.13 acres	\$0.00	Old road bed closed and conveyed to adjacent property owners as part of Route 2 realignment project.
458414	Emyvale	0.58 acres	\$300.00 admin fee	Old road bed closed and conveyed to adjacent property owners.
530451	Hunter River	0.14 acres	\$0.00	Land exchange.
290874	Fredericton	0.00 acres	\$250.00	Building (small barn only) sold by public tender.
428144	Launching	1.02 acres	\$4500.00	Portion of old road closed and conveyed to adjacent property owner.
322040	Summerside	5.00 acres	\$276,000.00	Sold by public tender, land and building.
308593	Summerside	3.20 acres	\$250,000.00	Industrial lot sold by public tender.
Total	8 Disposals	11.23 acres	\$531,350.00	

Acquisitions for Highways - April 1, 2010 to March 31, 2011

Parcel	Location	Acreage	Amount	Notes
846535	Hunter River	0.08 acres	\$0.00	Acquired for improvements to Route 2 at this location.
47134	Woodstock	0.38 acres with house.	\$90,000.00	Acquired for construction of the O'Leary Round-A-Bout.
207530	Victoria	0.50 acres with house	\$35,000.00	Acquired for improvements to the TCH at this location.
71266	Sherbrooke	17.70 acres	\$125,100.00	Acquired for future intersection improvements.
71258	Sherbrooke	2.02 acres	\$64,425.00	Acquired for future improvements at intersection.
401364	Five Houses	0.00 acres	\$3,000.00	Purchased highway access to Route 2. Access removed.
191783	Ch'town	0.29 acres	\$73,811.38	Purchased for improvements to Route 2.
658526	Ch'town	0.40 acres	\$57,500.00	Purchased for improvements to Route 2.
945477	Comwall	1.08 acres	\$0.00	Acquired new street in subdivision.
1041268	Tignish	7.51 acres	\$42,900.00	Acquired for new paint shop.
538447	Mount Pleasant	0.77 acres	\$0.00	Acquired new street in subdivision.
2220	St. Lawrence	0.17 acres	\$0.00	Acquired for intersection realignment.
284687	Hunter River	0.005 acres	\$500.00	Acquired for improvements to Route 2.
250290	Panmure Island	0.15 acres	\$2,200.00	Acquired for cul-de-sac at end of Route 347.

859009	Stratford	3.74 acres	\$0.00	Acquired new streets in subdivision.
106724	Little Harbour	0.56 acres	\$0.00	Acquired for improvements to road.
848283	Borden- Carleton	3.55 acres	\$140,000.00	Acquired for parking area.
706507	Crapaud	0.37 acres	\$1,000.00	Acquired for future work on Route 1.
1005339	Crapaud	1.41 acres	\$11,000.00	Acquired for future work on Route 1.
194225	Lower Montague	0.08 acres	\$11,500.00	Acquired for round- a-bout construction.
812701	Lower Montague	0.29 acres	\$29,731.00	Acquired for round- a-bout construction.
Total	21 properties	41.06 acres	\$687,667.38	

Property Disposals (NOT RLAF) - April 1, 2010 to March 31, 2011

Parcel	Location	Acreage	Amount	Notes
182956	Morell	13.59 acres	\$0.00	Sports fields conveyed to Community subject to reversionary clause.
194688	Montague	0.84 acres	\$300.00 Admin fee.	Conveyed to the Town for Community Park use. Subject to reversionary clause.
388736	Charlottetown	1.68 acres	\$0.00	Conveyed to non- profit organization for construction of housing for autistic adults.
196238	Montague	0.63 acres	\$10,500.00	Transfer of water lot to the Government of Canada for expansion of facilities.

641746	Grand Tracadie	1.58 acres	\$9,300.00	Transfer of water lot to the Government of Canada for expansion of facilities.
98525	Emerald	0.03 acres	\$96.00	Portion of tax sale property conveyed to adjacent land owner.
98525	Emerald	0.22 acres	\$704.00	Portion of tax sale property conveyed to adjacent land owner.
77313	Kensington	0.50 acres	\$0.00	Property acquired for Western School Board transferred to their ownership.
279349	Charlottetown	2.66 acres	\$0.00	Property acquired for Eastern School District transferred to their ownership.
363713	Charlottetown	1.94 acres	\$0.00	Property acquired for the Eastern School District transferred to their ownership.
171389	Georgetown	0.23 acres	\$3000.00	Tax sale property sold to adjacent owner.
266130	St. Chrysostome	0.77 acres	\$0.00	Land Exchange for the Department of Environment, Energy and Forestry.
624726	North Rustico	0.018 acres	\$600.00	Sale of water lot to adjacent property owner.
194597	Montague	0.128 acres	\$0.00	Conveyed to Town for green space subject to reversionary clause.
Total	14 Disposals	24.816 acres	\$24,500.00	

Property Disposals RLAF - April 1, 2010 to March 31, 2011

Parcel	Location	Acreage	Amount	Notes
431932	Richmond	0.12 acres	\$1,600.00	Surplus portion of former CNR corridor sold to adjacent land owner.
913798	Norway	2.24 acres	\$3,094.00	Property sold to lessee as per option agreement.
548859	Norway	7.79 acres	\$10,906.00	Property sold to lessee as per option agreement.
Total	3 Disposals	10.15 acres	\$15,600.00	

Building Demolitions - April 1, 2010 to March 31, 2011

Parcel	Location	Acreage	Cost	Notes
160796	Cardigan	0.00 acres	\$4,675.00	Demolition residential dwelling.
149252	Canavoy	0.00 acres	\$7,900.00	Demolition of residential dwelling paid for by Environment, Energy and Forestry.
47134	Victoria	0.00 acres	\$5,500.00	Demolition of residential dwelling.
47134	Woodstock	0.00 acres	\$5,625.00	Demolition residential dwelling and out buildings.
164327	Roseneath	0.00 acres	\$38,852.00	Demolition commercial rental cottages.

178269	Bristol	0.00 acres	\$4,900.00	Demolition of residential dwelling.
178319	Bristol	0.00 acres	\$22,936.00	Demolition of residential dwelling, commercial building and out buildings.
45880	West Point	0.00 acres	\$2,700.00	Demolition of residential dwelling and out building.
49866	Alaska	0.00 acres	\$1,500.00	Demolition of residential dwelling and out buildings.
530451	Hunter River	0	\$1,000.00	Site clean up.
Total	10 Disposals	0.00 acres	\$95,588.00	

CAPITAL PROJECTS DIVISION

CHIEF ENGINEER'S REPORT

The Capital Projects Division is responsible for the planning, design, construction, and reconstruction of the Province's highways and bridges. This includes the associated tasks of data collection, surveying, mapping, materials testing, traffic engineering and bridge maintenance. The responsibilities for planning, surveying, construction, and reconstruction, come under the direction of three Regional Engineers. The main offices for the Eastern, Central, and Western Regions are in Georgetown, Charlottetown and Slemon Park respectively. The Western Region also has a field office in Alma.

Traffic operations and sub-division development is directed by our Traffic Operations Engineer located in the Charlottetown office. The three regions are managed by two Traffic Operations Managers, one working out of both Georgetown and Charlottetown, and one working out of Slemon Park who is also responsible for the Provincial Sign Shop in Tignish.

The design of highways and bridges is managed from the Charlottetown office, as is the project management of bridge construction and maintenance. The structural highway design and testing of construction materials is managed from the Highway Testing Laboratory in Mt. Stewart, with additional testing facilities in our Slemon Park location.

The Charlottetown office is also the work place for the Occupational Health & Safety Manager, staff in Geographic Information System for Transportation, and the Chief Engineer's office.

Planning within Capital Projects emphasized the need for completing work early in the fall under favorable weather conditions, tendering the work in larger projects to improve quality control, and the reduction of overall construction costs. The Capital Projects Division has been concentrating efforts to improve Route 2 where paved shoulders are needed, and dedicating more resources to bridge replacement. The total capital highway and bridge expenditures for FY2010/11 was approximately \$49,512,153.00. The Department's Bridge Maintenance expenditures are covered under the ordinary budget accounts.

This was the second and last year for the Infrastructure Stimulus Funding, a total of four construction jobs were completed this year including, Borden-Carleton, Souris Main Street Phase II, Stratford TCH, and Riverside Drive. The New Deals for Cities and Communities cost sharing program continued. Projects included: St. Peter's Bridge replacement, Route 4 Valleyfield Road Intersection, Route 26 Stratford Road, Route 25 York - Covehead, Trans Canada Highway Cornwall left turning lane and Route 2 Richmond.

Once again the Capital Budget for Highways and Bridges was approved in the Fall session of the Legislature. This enabled our department to plan and tender contracts earlier for the coming year's road and bridge programs. This was a great benefit to the Capital Projects Division and also the PEI Road Builders and Heavy Construction Association as contractors can plan in advance for the upcoming construction season.

Highways and Bridges

Capital highway projects are administered by the three Regional Engineers. They review the deficiencies of the highway system and plan for the upcoming years using the Department's 5-Year Road Program, considering safety, traffic volumes, surface conditions, truck traffic and other departmental and public concerns relative to each project. The selected projects are surveyed and designed with input from environment, traffic, properties, surveys, materials lab and municipal personnel, as required. The regional staff prepare cost estimates and tenders, review tenders, award contracts, administer the contract, evaluate the work, record contract

quantities, prepare payments, identify deficiencies to be corrected, and approve the final product. The highway projects include those cost-shared with Transport Canada through the Infrastructure Stimulus Funding and New Deals for Cities and Communities.

Capital bridge projects are administered by the staff of the Bridge Section with assistance from the Regional Engineers as required. They review the deficiencies of the bridges and plan for the upcoming years considering safety, traffic volumes, structural condition, truck traffic and other departmental and public concerns relative to each project. Design and contract administration are similar to highway projects.

The bridge inspection initiative continues to have consultant engineers inspect all bridges on PEI every two years.

Weigh Scale Contract Quantities

The Capital Project staff along with assistance from our Highway Safety Division is responsible for ensuring current and accurate totals of all materials which are paid by weight or volumes on all highway construction projects. Training and quality control supervision is provided to all district checkers, data collectors, weighers and checkers.

Scale site activities are reviewed in conjunction with Measurement Canada and Highway Safety Division to ensure that there is compliance to the *Federal Weights and Measures Act*, the *Roads Act Vehicle Weight Regulations*, and the *General Provisions and Contract Specifications for Highway Construction*.

The Section provides data entry of material tickets for progress payments on all highway construction and bridge projects. The material tickets information is entered into the Construction Analysis and Tracking System (CATS), designed to assist the capital and maintenance staff in managing their highway projects. The same activities are followed to maintain the records of the winter sand contracts for the Highway Maintenance Division.

Subdivision Development

Subdivisions continue to be built by private developers who are responsible for the surveying, construction, testing and deeding of the new streets to the Province. Department staff work with the developers and provincial or municipal planners to prepare a design with an acceptable roadway, stormwater management plan, and utility services. An agreement is then signed between the three parties identifying responsibilities, costs, and scheduling. The developer deeds the right-of-way to the Province at such time as the conditions of the agreement are satisfied.

SCHEDULE OF TENDERS - HIGHWAYS AND BRIDGES**INFRASTRUCTURE STIMULUS FUNDED PROJECTS**

Route 2 - Souris Main Street - Tender Closed: February 18, 2010

Birt & MacKay Construction	\$4,615,028.61
Island Coastal Services	\$4,375,383.23
Chapman Bros. Construction	\$4,130,907.69

Awarded to Chapman Bros. Construction

Route 1 - TCH - Stratford - Tender Closed: March 25, 2010

Island Excavators	\$1,451,594.55
Chapman Bros. Construction	\$1,320,197.97
Duffy Construction	\$1,304,772.00
Birt & MacKay Construction	\$1,260,863.15
Island Construction Ltd.	\$1,216,830.20

Awarded to Island Construction Ltd.

Route 1 - TCH - Riverside Drive - Tender Closed - April 1, 2010

Chapman Bros. Construction	\$5,449,571.40
Birt & MacKay Construction	\$5,251,687.37
Duffy Construction	\$4,961,515.65
Island Construction Ltd.	\$4,961,236.85
Island Coastal Services	\$4,950,072.78

Awarded to Island Coastal Services

Borden Confederation Bridge - Gateway - Tender Closed - September 16, 2010

Curran & Briggs Ltd.	\$3,197,546.42
Island Coastal Services	\$3,165,017.90

Awarded to Island Coastal Services

SCHEDULE OF TENDERS - HIGHWAYS AND BRIDGES

Precast Structure Supply - Tender Closed - February 18, 2010

Maritime Pre-Cast Products	\$418,320.29
The Shaw Group	\$362,266.80

Awarded to the Shaw Group

Route 2 Canavoy - Tender Closed - February 18, 2010

Chapman Bros. Construction	\$474,873.00
Kings County Construction	\$463,332.35
Island Construction Ltd.	\$460,079.13

Awarded to Island Construction Ltd.

Route 6 - Anglo Rustico - Tender Closed - February 18, 2010

Chapman Bros. Construction	\$389,795.70
Island Construction Ltd.	\$379,990.28
Central Roadways	\$351,397.20

Awarded to Central Roadways

Route 25 - York-Covehead - Tender Closed - February 18, 2010

Chapman Bros. Construction	\$467,675.25
Island Construction Ltd.	\$461,170.50
Central Roadways	\$435,645.00

Awarded to Central Roadways

Route 225 - Shamrock/Rosevalley - Tender Closed - February 18, 2010

Chapman Bros. Construction	\$613,215.75
Island Construction Ltd.	\$591,097.50
Curran & Briggs Ltd.	\$568,581.82
Central Roadways	\$567,204.75

Awarded to Central Roadways

Route 2 - Springfield - Tender Closed - February 18, 2010

Island Coastal Services	\$1,167,485.76
Kings County Construction	\$1,139,818.37
Chapman Bros. Construction	\$1,114,120.35
Central Roadways	\$1,032,824.52
Curran & Briggs Ltd.	\$1,022,675.33

Awarded to Curran & Briggs Ltd.

Route 3 - Vernon River - Tender Closed - February 18, 2010

Chapman Bros. Construction	\$439,222.35
Island Construction Ltd.	\$428,200.50

Awarded to Island Construction Ltd.

Route 2 - Western Road - Richmond - Tender Closed - February 18, 2010

H.I. Construction	\$929,507.25
Central Roadways	\$782,357.10
Curran & Briggs Ltd.	\$774,368.70

Awarded to Curran & Briggs Ltd.

Route 1A - Wilmot - Tender Closed - February 18, 2010

Chapman Bros. Construction	\$762,158.25
Curran & Briggs Ltd.	\$663,546.45
Central Roadways	\$660,329.25

Awarded to Central Roadways

Route 1A - Albany - Tender Closed - February 18, 2010

Island Coastal Services	\$985,322.63
Chapman Bros. Construction	\$974,157.45
Central Roadways	\$894,565.60
Curran & Briggs Ltd.	\$891,622.20

Awarded to Curran & Briggs Ltd.

Route 2 - Rollobay - Tender Closed - March 25, 2010

Chapman Bros. Construction	\$2,563,354.50
Kings County Construction	\$2,527,046.34

Awarded to Kings County Construction

Brush Wharf Road - Tender Closed - March 25, 2010

Chapman Bros Construction	\$272,249.25
Central Roadways	\$269,360.70
Island Construction Ltd.	\$267,162.63

Awarded to Island Construction Ltd.

Route 2 - Alma - Elmsdale - Tender Closed - March 25, 2010

A.J.L. Ltd.	\$2,836,501.50
HI Construction	\$2,649,936.45
Curran & Briggs Ltd.	\$2,619,487.50
Chapman Bros. Construction	\$2,529,330.30

Awarded to Chapman Bros. Construction

Barrett Street - Kensington - Tender Closed - March 25, 2010

Central Roadways	\$205,485.00
Birt & MacKay	\$187,635.95
Duffy Construction	\$175,932.75
Curran & Briggs Ltd.	\$168,403.20

Awarded to Curran & Briggs Ltd.

Priest Pond Structure Replacement - Tender Closed - March 25, 2010

Highfield Construction	\$616,923.30
Noye & Noye Ltd.	\$588,869.40
Birt & MacKay	\$579,534.82
Chapman Bros. Construction	\$575,863.05
Island Coastal Services	\$560,538.83
Kings County Construction	\$495,384.23

Awarded to Kings County Construction

West River Bridge - Structure Replacement - Tender Closed May 18, 2010

Caldwell Ross Ltd.	\$2,967,017.50
Concrete USL	\$2,938,871.25
HR Civil	\$2,287,740.00
Noye & Noye Ltd.	\$2,097,811.53
Highfield Construction	\$1,999,202.50

Awarded to Highfield Construction

O'Leary Roundabout - Roundabout - Tender Closed June 24, 2010

Island Coastal Services	\$1,070,877.68
Curran & Briggs Ltd.	\$888,760.95
H.I. Construction	\$822,603.60

Awarded to H.I. Construction

Route 26 - Stratford Road - Tender Closed June 24, 2010

Birt & MacKay	\$1,729,045.33
Island Coastal Services	\$1,715,287.88
Kings County Construction	\$1,687,642.69

Awarded to Kings County Construction

Kildare Bridge - Structure Replacement - Tender Closed July 8, 2010

Highfield Construction	\$3,320,335.73
O'Meara's Heavy Equipment	\$3,157,905.98
HR Civil Contracting	\$3,139,493.70
Central Prince Contracting	\$2,989,850.68
Noye & Noye Ltd.	\$2,434,899.44

Awarded to Noye & Noye Ltd.

Damley Bridge - Structure Replacement - Tender Closed July 29, 2010

Concrete USL Ltd.	\$6,928,950.00
HR Civil Contracting	\$6,082,538.70
Highfield Construction	\$4,563,452.67

Awarded to Highfield Construction

Montague Roundabout - Tender Closed - August 24, 2010

Birt & MacKay	\$1,304,049.79
Island Coastal Services	\$1,180,152.75
Kings County Construction	\$1,068,231.52

Awarded to Kings County Construction

St. Peters Bridge - Structure Replacement - Tender Closed - Sept 16, 2010

G&P Trucking	\$2,385,587.40
Highfield Construction	\$2,350,757.85
HR Civil Contracting	\$2,233,770.00

Awarded to HR Civil Contracting

Eastern Region - Highways & Bridges

	Kms	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Reconstruction	To be Sealed	New Pavement
Souris Main Street, Route 2 & 16	1.80	1.45	1.45	0.00	0.00	1.45	1.80	1.45	0.00	0.00
Rollo Bay - Route 2 (new paved shoulders with base & seal)	4.20	shoulders only	shoulders only	0.00	4.20	shoulders only	4.20	shoulders only	0.00	shoulders only
Montague Roundabout	1.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00
Canavoys, Rte 2 (addition)	0.80	shoulders only	shoulders only	0.00	0.80	shoulders only	0.80	shoulders only	0.00	0.00
TOTALS	7.80	2.45	2.45	0.00	5.00	2.45	7.80	2.45	0.00	0.00

Central Region - Highways & Bridges

	Kms	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Reconstruction	To be Sealed	New Pavement
Rte 6 Anglo Rustioo	2.21	0.00	0.00	0.00	2.21	0.00	2.21	0.00	0.00	0.00
Brush Wharf Rd	1.70	0.00	0.00	1.70	0.00	1.70	1.70	0.00	0.00	0.00
Rte 1 - TCH Cornwall	1.00	0.00	0.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00
Rte 1 - TCH Mt. Herbert (right turn lane)	0.25	0.25	0.25	0.00	0.00	0.25	0.25	0.00	0.00	0.25
Rte 225 - Shamrock	3.32	0.00	0.00	0.00	3.32	0.00	3.32	0.00	0.00	0.00
Rte 26 - Stratford Rd	1.36	0.78	0.78	0.00	0.00	0.78	1.36	0.78	0.00	0.00
Rte 1 - TCH Stratford	1.36	1.10	1.10	0.00	0.98	1.10	1.36	0.00	0.00	0.06
Rte 1 - TCH Stratford (Extension)	1.28	0.00	0.00	0.00	0.00	0.00	1.28	0.00	0.00	0.00
Rte 3 - Vernon River	2.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00
Rte 25 - York/ Covehead (widening)	3.20	0.00	0.00	0.00	0.00	3.20	3.20	0.00	0.00	3.20
Molyneaux Rd	0.78	0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.00	0.00
Rte 1 - Riverside Drive	1.66	1.66	1.66	0.00	0.00	1.66	1.66	1.66	0.00	1.30
Rte 1 - Riverside Drive Extension (Park - Grafton)	0.38	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.00
Rte 1 - Riverside Drive (contract 2)	1.02	0.00	0.00	0.00	0.00	0.00	1.02	0.00	0.00	0.00
Rte 1 - Charlottetown Perimeter Highway East	1.65	0.00	0.00	0.00	0.00	0.00	1.65	0.00	0.00	0.00
Rte 1 - Charlottetown Perimeter Highway West	1.70	0.00	0.00	0.00	0.00	0.00	1.70	0.00	0.00	0.00
Rte 1 - TCH Left Turn Lane (Dutch Inn)	0.50	0.50	0.50	0.00	0.00	0.50	0.50	0.50	0.00	0.50
Rte Simpson Mill Road	1.50	0.00	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00
Rte 239 - New Orleans Road	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
Royalty Junction Road	0.25	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00

	Kms	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Reconstruction	To be Sealed	New Pavement
Rte 247 - Clyde River Intersection	0.10	0.10	0.10	0.00	0.00	0.10	0.10	0.10	0.00	0.00
Rte 225 - Warren Grove	0.40	0.00	0.00	0.00	0.40	0.00	0.40	0.00	0.00	0.00
Totals	28.62	4.39	4.39	5.23	7.91	11.29	25.09	3.04	0.00	5.31

Central Region - Subdivisions

Subdivision Name	Street Names	Length (km)	Grade	Gravel	Base	Seal	To be Sealed	New Pavement
Mason - Stratford	Starling	0	0	0	0	0.2	0	0
Primrose Point - Cornwall	Promrose Point Road	0	0	0	0.12	0.12	0	0.12
Stonington - Stratford	Southampton Drive Somerset Crescent	0	0	0	0	0.57	0	0
Kinlock Creek - Stratford	Larkspur Street Harvest Drive Lily Court	0	0	0	0	0.37	0	0
Strawberry Hill - Stratford	Strawberry Lane Aspin Crescent	0	0	0	0	0.45	0	0
Dunrovin - Victoria	Dunrovin St Wanda St Jude St	0.615	.615	.615	.615	0	.615	.615
Strawberry Hill - Stratford	Strawberry Lane Martindale Crescent	0.875	0.875	0.875	0.875	0	0.875	0.875
CENTRAL REGION TOTALS		1.49	1.49	1.49	1.61	1.71	1.49	1.61

Western Region - Highways & Bridges

	Kms	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Reconstruction	To Be Sealed	New Pavement
Route 1A Albany	0.74	0.74	0.74	0.00	0.0	0.74	0.74	0.74	0.00	0.00
Route Richmond Storm Sewer	2.00	0.00	0.00	0.00	2.00	0.00	2.00	0.00	0.00	0.00
Route 1A Milmot	1.70	0.00	0.00	0.00	1.70	0.00	1.70	0.00	0.00	0.00
Route 2 Elmsdale - Alma	4.20	4.20	4.20	0.00	4.20	4.20	4.20	0.00	0.00	0.00
Barrett Street - Kensington	0.27	0.27	0.27	0.00	0.00	0.27	0.27	0.00	0.00	0.00
Borden Conf. Brg. Gateway	1.60	1.60	1.60	0.00	1.60	1.60	0.00	0.10	0.00	0.00
O'Leary Roundabout	0.70	0.70	0.70	0.00	0.00	0.70	0.70	0.74	0.00	0.00

Hardy Road	1.50	0.00	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00
Lupin Lane	0.17	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00
Centerline Road	0.18	0.18	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00
County Line Road	1.77	1.77	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WESTERN REGION TOTALS	14.83	9.46	9.28	1.85	9.50	7.51	9.61	1.58	0.00	0.00

Western Region - Subdivisions

Subdivision Name	Street Names	Length (km)	Grade	Gravel	Base	Seal	To be Sealed	New Pavement
Maple Plains	Duffy Street	0.12	0.12	0.12	0.12	0.00	0.12	0.12
WESTERN REGION TOTALS		0.12	0.12	0.12	0.12	0.00	0.12	0.12

HIGHWAY DESIGN SECTION

The Highway Design Section provided detailed design, drawings or alignments for approximately 26 projects during the fiscal year. All incoming electronic survey data provided by the Department's Survey Section were reduced and verified for accuracy prior to preparing further design work.

Preliminary or detailed design work was carried out for the following highway construction projects:

Route Number	Area of Design Work Done
Route 1 - Trans Canada Highway	<ul style="list-style-type: none"> - Dutch Inn, left turn lane - Mount Herbert, right turn lane - North Tryon, alignment - Borden Gateway Enhancement, survey coordination
Route 2	<ul style="list-style-type: none"> - Bristol, realignment, widening and turning lanes - Richmond, storm sewer design - Fortune to Rollo Bay, widening, left turn lane - Canavoy left turn lane - Pleasant Valley to Springfield, reconstruction - St Peter's Rd/ TCH, concrete islands, turning radius analysis. - Mt. Pleasant/ Rt 133 left turn lane and widening. - Slemon Park roundabout
Route 1A	<ul style="list-style-type: none"> - Albany Y towards Middleton, alignment - Wilmot, RT 8 to RT 107, left turn lane

Route Number	Area of Design Work Done
Route 6	- South Rustico, Rte 6/RT 258 alignment
Route 14	- Tignish Post Office, curb layout
Route 19	- Meadowbank, new ball diamond access road
Route 26	- Stratford Rd, reconstruction and storm sewer
Route 109	- Barrett Street, Kensington
Route 152	- St. Louis, road widening, storm sewer
Route 225	- Shamrock/ Rose Valley, alignment, superelevation analysis - Springton to Stanchel, alignment
Route 311	- Wellington, Mill Road, re-Alignment
Miscellaneous	- Montague Riverside Drive, storm sewer replacement - Montague Fraser Street, storm sewer replacement - Brudenell, shoreline erosion - Murray River, tap drain and storm sewer

BRIDGES

Bridge construction is shown in the Eastern, Central and Western Regions Highway and Bridge Projects tables located elsewhere in this report.

The following is a list of bridges and the work carried out by the department or on behalf of the department:

Bridge	Work Completed
Rte 1, Flat River Structure	Geotechnical investigation, topo survey
Rte 1A, Ross' Comer Bridge	Detailed design for future replacement
Rte 2, St. Peter's Bridge	Detailed design & replacement
Rte 4, Murray River Bridge	Repairs
Rte 12, Cascumpec Bridge	Geotechnical investigation
Rte 12, Kildare Bridge	Structure replacement
Rte 16, Priest Pond Structure	Structure replacement
Rte 17, Greek River Bridge	Detailed design & replacement
Rte 17, Point Pleasant Bridge	Detailed design & replacement

Bridge	Work Completed
Rte 19, Canoe Cove Structure	Geotechnical investigation, topo survey
Rte 19, West River (Old) Bridge	Structure replacement
Rte 20, Darnley Bridge	Structure replacement
Rte 21, Glenfinnan Bridge	Geotechnical investigation, topo survey
Rte 116, Victoria Bridge	Carry over (approach road work)
Rte 124, Wellington Bridge	Geotechnical investigation, topo survey, preliminary design for future replacement
Rte 306, Gowan Brae Structures (2)	Carry over (approach road work)
Rte 310, Poplar Point Structure	Carry over (approach road work)
Rte 321, Cardigan Bridge	Detailed Design for future replacement
Rte 325, County Line Road Bridge	Geotechnical investigation, topo survey
Rte 353, Sorrey Bridge	Geotechnical investigation, topo survey

PRE-CAST STRUCTURE PURCHASE

The Department pre-purchased approximately forty (40) pre-cast concrete arches, with a clear span of 6.095 m and a clear rise of 3.048 m.

BRIDGE INSPECTIONS AND BRIDGE MANAGEMENT

The Department retained several consultants (as well as our own in-house staff) to conduct detailed bridge inspections on 109 bridge structures within the Province. The detailed inspection is based on the Ontario Structures Inspection Manual and all inspection teams were given an in-depth, full two (2) week inspection course in the fall of 2007.

The second cycle of 109 bridge inspections (the corresponding first cycle inspection was performed in 2008) was completed in Summer/Fall 2010. This information has been entered into our new Bridge Management Software. This software will allow us to better manage our assets in determining where the capital budget gets allocated and which bridge structures get priority.

BRIDGE MAINTENANCE

The Bridge Maintenance Section is responsible for the ongoing maintenance of approximately 1,300 structures across Prince Edward Island. There are several types of structures within the bridge inventory.

- Multi-Plated Steel Arches
- Timber Boxes
- Concrete Bridge/Timber Extensions
- Sectional Concrete Boxes
- Steel Sheet Piling Bridges

- Timber Pile Bridges
- Steel Pile Bridges
- Corrugated Steel Pipes
- Timber Crib Bridges
- Timber Catch Basins
- Timber Driveway Boxes
- Concrete Span Bridges
- Steel Span Bridges

Bridge Maintenance is comprised of several components.

- Inspection Crew - The crew operates on a 3 year schedule rotating between the 3 counties inspecting approximately 400-500 smaller structures each season.
- Bridge Yard Inventory Crew - Responsible for inventory control for the materials being sent to the various projects across the Island.
- Boom Truck - Responsible for transporting the construction materials to the maintenance crews and construction sites.
- Construction Crews - Six crews are responsible for the yearly maintenance work carried out by the Bridge Section.
- Administrative Staff
- Bridge Management - Duties include overseeing and organizing the schedules of the Bridge Maintenance Staff.

In addition to the goals of ensuring the integrity of structures, the Bridge Maintenance Section assists other agencies in achieving their objectives by improving fish passages by installing baffles within structures, protection of stream banks by the placement of gabion baskets and the creation of fish habitat by installing natural bottoms in some of the structures.

MATERIALS AND SOILS SECTION

Asphaltic Concrete

A total of eleven asphalt mix plants were engaged in the production of asphaltic concrete. All of the mix was produced from drum mix plants. A total of 241,135.81 tonnes of asphaltic concrete was produced in 2010. This included binder course, surface course, levelling course and maintenance mixes. A price adjusted, end result specification was applied to hot mix compaction on specified contracts.

Daily inspection was carried out at each of the eleven plants to control the quality of the mix produced. A total of 700 asphalt mix samples were collected and analysed for compliance with Department Specifications. This resulted in a testing frequency of one test for every 344.48 tonnes of asphalt mix produced. A total of 552 cores were removed from the contracts to determine compliance with compaction and thickness requirements.

Aggregates

The use of local aggregates was limited to blend sands. The type and amount of testing carried out to ensure the quality of the aggregates is noted below:

Type of Test	No. of Tests
Sieve Analysis Aggregate	1654
Sieve Analysis Extractions	1253
Specific Gravity	147
Soundness	14
Abrasion	15
Crush Count	14
Sand Equivalent	15
Flat & Elongated Particles	14
Uncompacted Voids Fine Agg Aggregate	13
Micro-Deval	27

In addition, 46 Marshall and Superpave mix designs were carried out to determine aggregate proportions and optimum asphalt cement contents. Also, there were 52 Stripping Mixes carried out to determine the extent of stripping from the various aggregate sources. Also four stripping tests were carried out on cores cut from various contracts in 2010

Asphalt Cement

Asphalt cement specification compliance testing was performed on Performance Grade 58-28 and Polymer Modified 64-28 asphalt cement. A total of 22 samples were taken.

Type of Test	No. of Tests
Specific Gravity	17
Penetration	14

Soils and Granular

Soils testing dealt mainly with granular base course, and select borrow. Tests carried out on these materials included sieve analysis, moisture-density relationship, specific gravity, and degree of compaction. A total of 748 samples were processed during the year.

Type of Test	No. of Tests
Sieve Analysis	654
Moisture-Density	65
Compaction Test	4304
Specific Gravity	19

Ice Control

Materials Lab staff provided inspection and testing services for the production of winter sand used by the Maintenance Division for ice control. The services included calibration of sand blenders, on site monitoring and production sampling from both the blenders and from stockpiles. A total of 561 samples were processed for gradation testing.

Subsurface Investigation

The continued use of the Lab's mobile drilling unit permitted comprehensive sub-grade investigations to be carried out. A total of 25 samples were obtained from three different projects. Gradation analysis and insitu moisture contents were determined for all samples. In addition, two atterberg limit tests, two hydrometer analysis and two organic indicator tests were performed.

Concrete

Testing and inspection services were provided for the following Projects:

Parsons Pond Fish Ladder	Murray River Bridge
Rte 26 Stratford	St Peters Bridge
Montague Roundabout	Souris Main Street
Oak Drive Structure Replacement	CPH East
West River Structure	Confederation Bridge Gateway
Darnley Bridge	O'Leary Roundabout
Kildare Bridge	TCH Rte 1 Riverside Drive
Rte 1 Stratford	Morell Bridge
Priest Pond Bridge	

A total of 604 concrete test cylinders were tested for compressive strength. In addition 820 slump tests and 820 air content tests were performed.

Benkelman Beam

The deflection testing program continued to provide information for overlay thickness design and the spring weight restriction program.

Profilograph

The High Speed Inertia Based Profilograph was employed to determine smoothness on a number of contracts where surface course hot mix had been applied. A price adjusted smoothness specification was implemented on selected contracts.

TRAFFIC OPERATIONS - Eastern Region

Highway Signage

Installation and maintenance of highway signs were carried out by one full-time sign crew based out of Bridgetown, two full-time and one part-time sign crews based out of Charlottetown. In addition to highway signs, the crews were responsible for the installation and maintenance of the Tourism Direction Sign age, 911 Sign age, signing detours and some construction Sign age. Instances of isolated vandalism continues to be a problem as well as theft of both private and public road signs.

Tourism Directional Signs

Administration of Tourism Directional Signs was carried out by the Department of Economic Development and Tourism. Sign orders were passed on to the Provincial Sign Shop in Tignish and after manufacture, were installed by the regional sign crews. There were 44 new signs

manufactured for new clients and nine signs that were damaged or faded were replaced. There were 101 signs removed for clients who are no longer in the program.

Highway Marking

Centerline marking was applied to approximately 3,800 km of existing highway by the centerline striping machine based out of Charlottetown. In addition to this, 22 kilometres of new construction was pre-marked and painted. Shoulder lines and lane lines were applied to 427 kilometres of arterial highway. Edge lines were painted on approximately 34 km of arterial highway and 95 kilometres of collector highways. Department crews also painted streets in the Cities of Charlottetown and Summerside. Intersections in the region were re-painted by the intersection marking crews, based out of Kings County and Queens County. Permanent markings were applied to some major intersection as part of capital upgrades. Raised pavement markings were installed on the Trans Canada Highway in the Churchill/Bonshaw area.

Highway Lighting

Maintenance of highway lighting was carried out by Capital Electric in Queens County and by Foster Campbell Electric Ltd. in Kings County.

Area Lighting in the region was improved at four intersections, Route 6 and the entrance to Dalvay National Park and Route 1 and Cameron Road in New Haven. Lighting on Hillsborough Bridge was improved by changing from low pressure sodium fixtures to 150 watt high pressure sodium fixtures. Traffic signals at three intersections on the Bypass Highway were upgraded with new Traffic Controllers.

Flashing beacons and lighted barricades were used for detours and in advance of some major highway construction projects.

Access Control

Applications for Entrance Way Permits on Arterial and Seasonal Highways were processed as well as stopping sight distance assessments for new dwellings and commercial operations. Fees were collected for the installation of new entrance ways for new dwellings and agricultural use.

TRAFFIC OPERATIONS - Western Region

Highway Signage

Two full-time sign crews erected and maintained signage throughout the region, which includes directional signage, community signs, scenic route signs, street name signs, warning signs, 911 road name signs and regulatory signs. In addition to this, crews continued to erect and maintain detours for highway construction sites. The sign crews continue to erect and maintain the Tourism Directional Sign standards.

Highway Marking

The centerline marking was applied by the TIR striping truck and the shoulder lines were applied by the smaller TIR striping truck. Centerline marking was applied to approximately 800 km of existing highway, and 26 km of asphalt resurfacing, and 11 km of new construction. Shoulder lines or edge lines were painted on approximately 200 km of highway. Intersection marking was applied by the intersection marking crew based in Summerside.

Highway Lighting

Highway lighting is maintained under two maintenance contracts: Prince County was maintained by Waite's Electric and the Albany Interchange/Borden Carleton scale house was maintained by Waite's Electric. Maintenance of traffic signals, flashing beacons and other lighting was carried out as required. Flashing beacons, lighted barricades and message boards were used for detours and

in advance for the major highway construction projects.

New High Pressure Sodium Fixtures (150 watt) as follows:

- Rte 2 and O'Leary Roundabout - 34 HP
- TCH and Train Station Road - Pole Light
- Rte 2 and Mill Road (Bloomfield) - added two HP
- Rte 2 and Callaghan School
- TCH Crapaud - changed lighting to HP
- TCH Victoria - changed lighting to HP
- Borden-Carlton - added to amber beacon
- Freeland Church - pole light
- Rte 12 and Tignish Run - pole light

Highway Access Control

Under the *Roads Act, Highway Access Regulations*, safe stopping sight distance assessments are completed for commercial operations, agriculture entrance-ways and new dwellings. The section is also responsible for collection of fees for entrance way installations.

MAINTENANCE OF HIGHWAY LIGHTING

Tenders Opened: March 18, 2010

Prince County - Various Locations

Mid Isle Electric	\$26,780.75
Waits Electric	\$23,500.00

Awarded to Waits Electric

Prince County - Albany Interchange & Borden Carleton Scale House

Stewart Electric	\$9,966.60
Mid Isle Electric	\$9,912.00
Waits Electric	\$9,225.00

Awarded to Waits Electric

Queens County - Various Locations

Mid Isle Electric	\$23,696.40
Stewart Electric	\$23,593.50
Hansen Electric	\$19,826.10
Capital Electric	\$17,181.15

Awarded to Capital Electric

Kings County - Various Locations

Dennis Maccan Electric	\$11,914.69
Stewart Electric	\$11,604.60
Foster Campbell Electric	\$11,220.75

Awarded to Stewart Electric

PROVINCIAL SIGN SHOP

The Sign Shop continued to produce highway signage for the Island. The Sign Shop has two full time classified positions, Tracy Gallant and Leanna A'Hearn as shop supervisor. We have one full-time casual position and a rotation of four other casual employees, as well as a rotation of two casual employees filling one position in our carpentry shop area.

The following is a breakdown of signage produced:

	Prince	Queen s	Kings
Directional	127	66	64
Extruded Sign age	5	1	5
Overheads	18	105	0
Public Road Names (911)	107	44	80
Private Road Names (911)	10	15	27
Regulation and Warning	1,744	277	86
Route Assemblies	97	93	84
Community	36	7	11
Street Signage	27	15	83
HISS	32	33	42
Construction	186	127	84
Totals	2,386	783	560

Un-invoiced Signage within our Department

Signs sent to Charlottetown Stock	1,959
Construction Signs sent to Charlottetown Stock	719
Build PEI Boards	65
Federal Stimulus Boards	1

Specialty Signs within Department	58
Public Works Name Plates	222
Public Works Other Sign age	202
Sub-Total	3,226

Invoiced Signage

Other Departments	376
Parks Canada	393
Rails to Trails	72
Rails Delineators	650
Municipalities	506
Construction	25
Other Companies	33
Sub-Total	2,055

TOTALS

Prince County	2386
Queens County	783
Kings County	560
Un-invoiced signs	3,226
Invoiced signs	2,055
Grand Total of Signage Produced	9,010

Pavement Management Section

The Pavement Management Section, within Engineering Services, administers and manages the resources and services for the primary information systems used in the Department's transportation planning activities. This section is responsible annually for the operations of the ITMS - Integrated Traffic Monitoring System, the WIM - the Provincial Weigh-In-Motion Information System, and the Pavement Management System named PCMS - Pavement Condition Monitoring System.

There were some personnel changes to the Pavement Management Section staff during this fiscal year. A replacement was found for the section's Manager of Traffic Data Collection and Analysis early in the fiscal year but the position of Engineering Technician remained vacant for the year.

Pavement Condition Monitoring System - PCMS

Surface distress data, based on nine distress attributes was collected for the National Highway System and Community Connectors with the exception of approximately 50 kilometres. Data from these nine distress attributes are used to calculate a Surface Distress Index (SDI) for each of the various highway sections within the 1305 km network managed by the Capital Projects Division. This SDI value, which provides a relative value of pavement condition is available to the Division as an aid in the Capital Construction Planning Process. Other data available for use in the Capital Programming includes traffic volume data and vehicular collision data.

Weigh In Motion System - WIM

The Weigh-In-Motion system collects vehicle weight, speed, and vehicle classification data. The section operates and maintains 5 monitoring sites across the province. These sites are located on arterial highways in Tryon, Hunter River/Springvale, Bedford, Middleton, and Richmond.

Tryon - This site is fully operational.

Hunter River - This site which is actually located in Springvale remains non-operational and will most likely not be reinstated until this section of road is rebuilt. The asphalt is in poor condition in this area.

Bedford - Similar to the Hunter River site this site is non-operational and in need of repairs or upgrading. The station is expected to be rebuilt when the road is reconstructed. The asphalt is in poor condition in this area.

Middleton - This site also is not functioning and is expected to be rebuilt when the road is reconstructed. The asphalt is in poor condition in this area.

Richmond - The sensor in the eastbound lane was replaced at this site during 2010 and the site is again operational.

The data obtained from these WIM sites can be used to determine ESAL's (equivalent single axle loads) per truck which in turn may be used for structural design of our highways. This database is also used to make estimates of vehicle type breakdown for the ITMS traffic system.

Integrated Traffic Monitoring System

This section continues to maintain and analyse data from 12 permanent count sites, approximately 120 temporary count sites and the 5 WIM sites. On an annual basis, additional equipment (Archer Counters with pneumatic road hoses) is set up at 30 to 40 sites (permanent or temporary sites noted above) for a period of 8 days annually to conduct vehicle classifications. The department also carries out a number of intersection turning movement surveys across the province on an annual basis during a 14-week period in the summer months. The data from all of these monitoring sites continues to feed the ITMS information system, and annually creates a master traffic profile for the almost 3500 km of provincially numbered highways.

A typical counter site consists of wire loops imbedded in the asphalt of each lane. The wires are brought to the shoulder of the road at a common location and eventually to an electrical post at the edge of the right-of-way. This is where we make the connection to our counter. These sites are often replaced during road reconstruction.

The Department rehired the three of the same four labourers for the summer season to carry out the Intersection Turning Movement Count program. The individual hired to replace the non-returning casual employee performed the duties well and has been recommended for rehire for the following year. Maintaining these casual staff year to year is a big benefit to this program to maintain consistency. These manual traffic surveys are carried out for 10 hours a day - 4 days a week. The field data is keyed to ITMS by office staff, stored and available for analysis as an intersection (or other traffic facility) design tool. The crew carried out 92 intersection counts during their 14-week term. These staff also carried a cell phone usage study in Summerside, Charlottetown and Montague to determine the compliance with recently introduced legislation banning handheld communication devices.

Provincial Highway Traffic Growth

The table below shows the Department's permanent traffic volumes monitoring sites and their respective 2009 and 2010 AADTs - Annual Average Daily Traffic figures, meaning two-way traffic for an average 24 hour day of the year. These AADT values are maintained by the calendar year and not the fiscal year which ends on March 31st of the following year. Only these sites are used to calculate the provincial traffic growth rate, because only these sites monitor traffic constantly, all year long - except for machine failure. The provincial traffic growth rate for 2010 shows an increase of 6.1 %, over the previous year (solely based on the permanent traffic monitoring installations). This increase does not include the Tryon monitoring site as it was inoperable for a

large portion of 2009. This increase represents the largest single year increase in traffic since 1999 and second largest since the opening of the Confederation Bridge. The 5 and 10 year annual growth rates, based on all permanent counter sites, are 1.01% and 0.93% respectively.

2009 - 2010 Comparison Annual Average Daily Traffic Table

Annual Average Daily			
	Traffic - AADT		Annual
Monitoring Sites	2009	2010	% Change
Tryon* (001:02)	0	4,682	
North River (001:07)	21,684	22,220	2.5
Hillsborough Bridge (001:11)	28,428	31,491	10.8
Cherry Valley (001:12)	6,894	7,120	3.3
Marie (002:04)	2,567	2,636	2.7
Pleasant Valley (002:13)	5,286	5,877	11.2
Richmond (002:17)	5,170	5,244	1.4
Cavendish (006:09)	1,801	1,824	1.3
Milton (007:01)	1,857	1,842	-0.8
O'Leary (142:03)	1,554	1,537	-1.1
Confed. Bridge	4,004	4,309	7.6
Albany (01A:01)	3,649	3,852	5.6
* Tryon is excluded as the counter was inoperable during most of 2009.			
Annual average provincial traffic growth for 2010 (as a % growth over 2009)			6.1%

MAPPING AND GEOGRAPHIC INFORMATION SYSTEM – TRANSPORTATION (GIS-T)

In the fiscal year of 2010, the Mapping and GIS-T section was involved in a number of on-going and new initiatives. There continued to be two staff members assigned to work in this area.

As with past years, an updated release of the National Road Network for Prince Edward Island (PEINRN) was completed once again

The project to create a GIS database to map the provincial *Access Regulations* continued this year. A series of interviews were conducted with district supervisors in order to verify current road maintenance activities. This project is still underway with a comprehensive GIS database ultimately being the finished product.

A project to replace the 2005 Provincial Atlas got underway this year. That Atlas was prepared with CAD software as opposed to GIS and had become impossible to update in any efficient manner. Initial design of map sheet layouts and symbolization has been started.

The GIS-T section continued to perform mapping and data analysis services for the department and associated agencies. Some of the more involved projects were route mapping for Island Waste Management, GPS inventory asset updates for the Confederation Trail and winter maintenance database management and mapping.

HIGHWAY MAINTENANCE DIVISION

GENERAL

The Highway Maintenance Division provides a full range of operation and maintenance services on the entire provincial highway system. The Division is organized by function into the following sections and work units:

- Provincial Headquarters
 - Central management functions, program development, budgeting, inventory control, bulk purchasing and contract preparation.
 - Technical services relating to standardized policy and procedure for work crews, as well as staff training and development.
- Highway Maintenance - Eastern, Central and Western Region Operations
 - Maintenance and superintendence of all provincially owned roads across the Province.
 - Services include: pavement surface maintenance, roadside maintenance, drainage and storm water, unpaved roads, dust control, snow and ice control.
 - Maintenance of bridges, signage, pavement marking and traffic control devices is provided by other divisions of the Department.
- Mechanical Branch - Eastern, Central and Western Region Facilities
 - Provide general management and maintenance of the Department, Heavy equipment and Corporate fleet. Provide maintenance of the Department of Education Bus fleet. Provide general management of Government owned Corporate fleet.
 - Provision of skilled operators and Department operations.
- Confederation Trail Maintenance
 - Maintenance and superintendence of all maintenance carried out on 396 km of the former CN rail corridor (Confederation Trail).
 - Services include: vegetation control, culvert replacements and repairs, ditching, surface maintenance, shoreline protection and grass cutting. Maintenance of bridges is provided through the Department's Bridge Maintenance section.

Polyethylene and Corrugated Steel Drainage Pipes

During the year, the Division tendered and purchased both polyethylene and corrugated steel drainage pipe which were installed in various locations throughout the Province. Polyethylene drainage pipe is most widely used based on cost, ease of handling and durability.

Atlantic Hy-Span Ltd. was awarded the contract for supplying the corrugated steel drainage pipe and Campbell's Concrete was awarded the contract for supplying the polyethylene drainage pipe. The total value of both corrugated steel and polyethylene drainage pipe purchased by the Department for its maintenance projects during the season is as follows:

	Corrugated Steel	Polyethylene
Armtec Limited	---	\$441,756
Campbell's Concrete	\$23,400	---

The following length of pipe was purchased by the Highway Maintenance Division for the year.

Pipe	Central	West	Eastern
Corrugated Steel	(Metres)	(Metres)	(Metres)
400 mm	61	0	0
500 mm	61	0	0
600 mm	61	0	0
800 mm	0	0	0
900 mm	30	0	0
1200 mm	0	0	0
TOTAL	213	0	0
Pipe	Central	West	Eastern
Polyethylene	(metres)	(metr	(metres)
375 mm	2,411	2,085	823
450 mm	2,640	2,640	579
600 mm	482	1,402	213

750 mm	268	158	61
900 mm	122	61	61
1200 mm	30	30	0
1500 mm	30	30	0
TOTAL	5,953	6,407	1,737

Note: Figures do not include length of pipe acquired by Capital Projects.

The following length of pipe was installed by the Highway Maintenance Division for the year.

Pipe Diameter	Central Regional	Western Region	Eastern Region
<i>Corrugated</i>		(Metres)	(Metres
300 mm	60	26	3
400 mm	83	24	7
500 mm	58	34	43
600 mm	61	75	9
800 mm	3	10	0
900 mm	9	0	0
1200 mm	0	0	0
TOTAL	274	169	62
Pipe Diameter	Central	Western	Eastern
<i>Polyethylene</i>	(metres)	(metres)	(metres
300 mm	589	205	107
375 mm	2,537	1,583	598
450 mm	1,898	1,994	531
525 mm	0	0	50
600 mm	550	1,444	260
750 mm	186	66	46
900 mm	34	49	12
1200 mm	0	0	0
TOTAL	5,792	5,340	1,604

During the year the Highway Maintenance Division undertook the following installations of pipe:

Type of Installation	Central Region (metres)	Western Region (metres)	Eastern Region (metres)
New Installations	2,187	972	449
Replacement	2,723	4,105	886
Extension	139	119	89
Cross culvert	466	304	230
Confederation Trail	223	0	12
Water Problems	328	9	0
Relocate	0	0	0
TOTAL	6,066	5,509	1,666

Note: Figures do not include length of pipe installed by Capital Projects

Used Corrugated Steel Pipe

The Division continues to follow policy developed for re-sale/re-using culverts to bridge various wood lots, farms and private home entrance ways. With the use of polyethylene pipe and the City of Charlottetown doing their own work, the availability of used pipe in acceptable condition for re-sale or re-use is becoming limited.

Crack Filling

This is a process whereby a hot rubberized asphaltic compound is used to fill random cracks in the paved highway system in order to prevent water from entering into the substructure.

In 2010-2011 the Department sealed approximately 62,000 metres of cracks, using a total of 9,300 kgs of sealant material.

Technical Services

During the year, the Technical Services Section continued to provide required training programs and developed standardized work procedures for the benefit of front-line maintenance staff. Most training has been in-house, utilizing resident expertise. In selected areas, other provincial Departments (e.g. Forestry Division) and outside agencies, including Red Cross instructors, have participated.

Subject matter included but not limited to:

- Occupational Health and Safety Regulations
- First Aid and CPR
- Signaller Upgrade Course
- Work Zone Safety
- WHIMIS
- Crew Orientations
- Winter Operations Orientations
 - Operators
 - Road Patrol
 - Dispatch
 - Supervisor
- Dickey John Training/Testing
- Driver Training

Highway Maintenance Procedures and Policies

- Crane Training
- Management and Supervisory Training
- Fork Lift Training
- Chain Saw Operation Certification
- Confined Space Training

In excess of 800 employees continue to receive training ranging from one-half day workshops to one-week sessions. The objective of these sessions is to improve awareness of safe and productive work practices.

EASTERN REGION: SUMMER MAINTENANCE 2010

Hot mix asphalt for patching crews was available from mid-May to the second week in October. A total of **19,123.77** tonnes was used by the branch for repairing the Province's paved road network in the Eastern Region. This asphalt was financed from the Division's operating and capital maintenance budget. Hand patching crews spread **2,384.01** tonnes. The Department spreader crew re-surfaced **17.7** kilometres of badly distressed pavement with **13,163.69** tonnes of asphalt. Private contractors supplied/placed **3,576.07** tonnes of asphalt over **5.2** kms.

The following is the tonnage of asphalt acquired from each firm:

SUPPLIERS	TONNES
Chapman Brothers Construction, Ltd.	11,170.16
Matheson & MacMillan	5,335.24
Pauley's Construction	2,618.37
Total	19,123.77

Resurfacing

The following roads were resurfaced with a 45 mm lift of asphalt using Department equipment and personnel:

Kings Zone K-1

Road Name	Kilometres
Rte. 310 Fortune Bridge	0.3
Total Kms	0.3

Kings Zone K-2

Road Name	Kilometres
Rte. 309 Selkirk Road	0.6
Rte. 328.01 Clay Road	1.1
#23761 Dingwell Road	1.0
#23009 Indian Road	1.0
Rte. 312.02 Sparrow Road	1.2
Rte. 320.02 Brothers Road	1.0
Total Kms	5.9

Kings Zone K-3

Road Name	Kilometres
Rte. 344.01 Melrose Rd.	1.1
Rte. 320.01 Peakes Rd.	1.0
Rte. 320.03 Greenfield Rd.	1.3
Rte. 356.03 Nicholson Rd.	1.0
Rte. 313.01 Cardigan Rd.	1.4
53501 Launching Harbour Rd.	1.0
Total Kms	6.8

Kings Zone K-4N

Road Name	Kilometres
#53009 Pembroke Rd.	1.0
Rte. 317.03 Brooklyn Rd.	1.3
Total Kms	2.3

Kings Zone K-4S

Road Name	Kilometres
Rte. 348.02 Gladstone Rd.	0.8
#43042 Fox River Rd.	0.3
Rte. 324.01 Cambridge	1.3
Total Kms	2.4

The following roads were resurfaced by private contractor, Chapman Brothers, through supply and place contracts:

Kings Zone K-1

Road Name	Kilometres
Rte. 307 Bear River Rd.	1.0
Rte. 016 (North Side) Clear Springs	1.7
#13022 Harbour Rd (Naufrage)	0.7
Gowanbrae (New Zealand Rd.)	1.1
Rte. 016 South Side (Kingsboro)	0.7
Total Kms	5.2

Total number of kilometres resurfaced in the Eastern Region: **17.7** kms by Department forces plus **5.2** kms by private contractors for a total of **22.9** kms.

Bush Cutting

During the season, three Government mechanical bush cutters cut bushes along the highway. Approximately **670** kilometres were cut. The Division also used a mechanical brush chipper to eliminate the need to haul away the slash.

Road Maintenance

During the year, seven graders in the county carried out grading services on the unpaved road network (**grading approx. 1,850 kms.**). These kilometers reflect multiple trips over the **280** km of seasonal roads and **142.5** kms of year-round unpaved roads. In some cases, roads were also ditched and loaders and trucks were used to haul away unsuitable material.

Sandstone, gravel and/or rock used to carry out the tasks of surfacing, repairing washouts, shoreline erosion, shoulder repair and material for drainage pipes was as follows:

SANDSTONE (t)	GRAVEL (t)	ROCK (t)
15,257	18,331	378

Sandstone and/or gravel was placed as a new surface material and new culverts, driveway or cross pipes were installed as required.

Culverts

On the Eastern Region road network, a number of drainage problems were corrected. Equipment used to carry out this work included Department or privately-owned ditching machines and trucks. New culverts were installed as required.

Guiderail and Roadside Maintenance

Various crews are utilized periodically within the county to repair damaged sections of guardrail. Also, these crews cut grass and weeds around guardrails and guideposts in each zone.

Grass Cutting

The Division cuts grass on approximately 1,500 kms of road in the Eastern Region. One private grass cutter, equipped with a rotary mower, maintains 120.2 kms of roadside grass. This contractor was contracted to cut grass from the middle of June until the end of September. In addition, three Department-owned farm tractors, equipped with rotary mowers and side cutter attachments, were utilized for roadside grass cutting on the balance of approximately 1,380 kms throughout the Eastern Region.

Shoulder Material

During the past year, shoulder material was used to upgrade and repair sections of shoulders.

Dust Control

Maintenance crews used 585 twenty-kilogram bags of flaked calcium chloride to control dust in specific locations.

Liquid calcium chloride was used for dust control and stabilization on gravel roads only. Approximately 133,000 litres were used to treat approximately 91.4 kilometres of road.

The accompanying tables provide the location and extent of work done in each zone during the year:

Kings K-1 Eastern Region - Maintenance Activities

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by hand)
Anselm MacDonald			0.03				
Basin Head (Kingsboro)					0.20		0.60
Big Pond	0.05						
Bothwell Beach Rd			0.05				
Bull Creek North							0.90
Bull Creek South			0.20				3.30
East Road (South Lake)							0.60
East Tarantum							1.80
Father James			0.10				
Fortune Beach Road			0.02				
Fortune Wharf Road						0.08	
Fountainhead			0.63				
Glen							2.00
Grant	0.40						
Heritage							1.00
Hermanville			0.02				
Hermitage Road							0.50
John Dan Chaisson	0.03						
Johnston			0.03	0.20			
Kitson (Basin Head)	0.40						
Kitson Road (Leslie)		0.20					

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by hand)
Kelly			0.03				0.80
Little Harbour (Beach Rd)	0.05						
MacAulay Lane			0.02				
MacAulay (North Side)			0.01				
MacDonald			0.03				
MacKinnon Pt. Rd							1.20
Manning	1.13				0.20		
Munn's							2.40
Mickle Macum Road							2.00
Middle Tarantum							2.00
New Harmony			0.02				1.60
North Lake Harbour Rd.							1.00
North Side Rd (Clear Springs)							1.00
North Side (East Lake)							2.20
North Side (Lakeville)							0.50
North Side (Naufrage)							1.80
North Side (North Lake)							1.00
North Side Rd (St. Margarets)							0.30
Old Green Road			0.09				
Park Road	0.50		0.08				
Peter Road			0.01				

Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by hand)
Rollo Bay (Rte. 002)		0.40					0.30
Rose's Road							1.00
Snake Road							0.60
Souris Line							0.80
Souris West (Rte. 002)		1.70					
St. Catherines			0.30				0.70
St. Charles							0.60
West Tarantum							2.20
Total	2.56	2.30	1.67	0.20	0.40	0.08	34.70

Kings K-2 Eastern Region - Maintenance Activities

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by hand)
Anderson			0.20				
Ashton			0.10				
Barry			0.30				
Bennett		0.20					
Big Lot			0.20				0.05
Cable Head West				0.08			
Canavoy				0.10			1.00
Cemetery Road	0.05						
Church Road		0.10		0.10			
Curtis Road	0.08		0.05				0.05
Douglas Station				0.08			
Fanningbrooke				0.08			
Farmington (Rte. 002)							0.05
Gay's Road	0.05						0.08

Road Name	in kilometres						
	Milling s	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by hand)
Green Meadows				0.05	0.08		
Hatchery Road							1.00
Head of Hillsborough							0.05
Kenovan			0.05				0.05
Klondike			0.05		0.03		0.10
Lighthouse Road			0.03				0.05
Lot 40			0.20				
MacDougall							0.05
MacEwen			0.10		0.08		0.05
MacLaren			0.05				0.20
MacSwain					0.13		0.08
Marsh Road			1.00		0.30		0.50
Mill Road	1.00						
Mooney		0.30					
New Road			1.00				0.05
Old Lakeside Road	0.10						
Pratt Road							0.20
Revell			0.10		0.08		0.08
River Road		1.00					1.00
Skunk House Road			0.08				
St Patricks Road		1.00					1.00
St. Peters (Rte. 002)				0.50			0.10
St. Peters Harbour				0.30			
Wendon	0.08						
Total	1.36	2.60	3.51	1.29	0.70	0.00	5.79

Kings K-3 Eastern Region - Maintenance Activities

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by Hand)
48 Road				0.65			0.15
Alleys Mill Road					0.10		
Beach Road		0.30					
Brothers		0.70					0.08
Buckskin Road			0.40				
Dalmaney Road					0.11		
Georgetown Road							0.60
Greenhill Loop		0.30					
Greenfield		1.00			0.04		
Hazelgreen Road			0.20				
Launching Road					0.12		
Leandre Lane (New Perth)							0.30
Long Wharf Road		0.30					
MacDonald		0.80					
Old Mt. Stewart Road							0.20
Peakes Road					0.05		
Primrose (Launching Rte. 311)					0.10		0.08
Queen's Road					0.20		
Sandy Lane			0.10				
Seven Mile Rd (Bridgetown)					0.90		

							(by Hand)
South DeGros Marsh Rd		1.30					
South Montague Road		0.30					
St. Georges Road		0.40					
Strathcona Road					0.10		
Union Road					0.10		
Victoria Street (Cardigan)							0.60
Water Street (Cardigan)							0.20
Woodstock Road (off Brothers Road)			0.80				
Total	0.00	5.40	1.50	0.65	1.82	0.00	2.21

Kings Zone K-4N Eastern Region - Maintenance Activities

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by Hand)
Angus Lane		0.10					
Commercial Road							2.00
Compton Road							3.00
Heatherdale (Rte. 316)				0.80			
Jack Westaway							0.20
Kilmuir (Rte. 316)							1.60
Loane Road		1.00					1.00
Lower Montague Road					0.20		
MacDonald Road		1.20		0.30	0.30		
Robertson Road							1.00

							(by Hand)
Thornton Road							1.60
Valleyfield Road							0.50
Wood Islands Road							1.50
Total	0.00	2.30	0.00	1.10	0.50	0.00	12.40

Kings K-4S Eastern Region - Maintenance Activities

Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by hand)
Beach Road							0.50
Benji's Road							0.50
Black Brook Road			0.10				
Blue's Road	0.10		0.10				
Brooklyn Road				1.00			0.50
Bruce's Road					1.20		
Cahoons Wharf Road	0.10						0.20
Cambridge Road				1.10			
Cape Bear Road			0.10				0.20
Commercial Road							2.00
Compton Road					0.20		0.30
County Line Road			0.10		0.40		1.00
Cyrus Road							2.00
Floating Bridge Road					0.80		1.00
Fox River				0.30			

Brooklyn Road				1.00			0.50
Girl Guide Camp Road			0.20				
Gladstone Road				0.80	0.20		4.00
Greek River Road							2.00
Grey's Road			1.00				
Guernsey Cove Road	0.10		0.10		0.40		
Livingstone Road	0.20		0.20				0.10
MacFarlane Road			0.10				
Norman's Road							0.50
Pembrooke Road				1.00			
Peter's Road (Alliston)							1.00
Peter's Road					0.20		
Point Pleasant Road							1.00
Richard's Road					0.20		
Ross Road							0.20
Spring Road	0.10						
St. Mary's Bay Wharf Road		0.30					0.30
St. Mary's Road					0.10		2.50
Wood Island Road							1.00
Total	0.60	0.30	2.00	4.20	3.70	0.00	20.80

EASTERN REGION: WINTER MAINTENANCE

Winter activities in the Eastern Region involved salting, sanding and snow removal. Temporary cold patching of paved roads, water drainage and washout repairs were also carried out, as well as any maintenance activities required to keep our highway system as safe as possible for the motoring public. To achieve this end, the following was used:

There were 6,154 tonnes of salt purchased for salt-only and 50/50 mix for ice control. The Region also purchased 1,508 tonnes of salt to blend with its winter sand. The Region purchased 14,718 tonnes of blended sand. This blended material consisted of a mixture of six percent salt, 30 percent imported, 1/4" minus stone and 70 percent local sand. This material was stored at seven (7) sites throughout the Region. An additional 6,168 tonnes of additional blended sand (reserve) was required to re-charge the winter sand piles during the 2011 season.

Ice Control

Ice control on sections of Highway 2, 3, 4 and 16, as well as Souris and Montague main streets, including 148.9 kilometres of road, were maintained by direct salt application.

Sanding Operations

Approximately 1,041 kilometres of secondary roads were maintained with blended winter sand/salt applications. Sanding operations were carried out by 14 sanding contractors using Department installed hoppers and spreaders. Winter sanding contractors are in the fifth year of a 5-year contract.

Snowfall Records

Total snowfall as recorded by Environment Canada recording station volunteers in the Eastern Region was:

Station	Alliston	Morell	Kingsboro
Annual Total Snowfall (cm)	255.1	289.2	277.6

Snow Fence Report

The Department installed approximately 5,429 metres of snow fence adjacent to Department plowed snow routes to control drifting in open areas.

Snow Removal Contracted Services

The following is a breakdown of the contracted snow removal services for the forth year of a 4-year contract with private contractors.

Contractor	Kms Plowed
Chapman Bros.	124.7
Francis MacLean	31.3
G & P Trucking	88.1
Kenny MacLeod	109.7
Kings County Construction	88.2
TOTAL	442.0

The Department was responsible for plowing 820.60 kilometres of highway. To this end, 24 plow routes and four snow blower areas currently exist. The following is a breakdown of the kilometres for which the Department was responsible for plowing:

Eastern Region

Location	Kms	Graders	Blowers	Loaders	Truck
South Lake	27.9	1			
Bayfield	24.0	1			
St. Charles	34.3				1
Bangor	29.0				1
Forest Hill	26.8	1			
Savage Harbour	22.7			1	
Morell	37.1		1		1
St. Teresas	27.7	1			
Bridgetown	28.7				1
Georgetown	32.8				1
Annandale	31.1				1
Strathcona	26.2	1			
Cardigan	29.3	1			
Little Pond	32.2	1			
St. Georges	41.0				1
Montague	32.0				1
Whim Road	46.3				1
Murray River	41.5				1
Morell East	22.3				1
Guemsey Cove	33.9				

Location	Kms	Graders	Blowers	Loaders	Truck
Hopefield	41.1	1			1
Gaspereaux	46.0				1
Souris	23.3		1		1
Sturgeon	53.5				1
Cardigan	18.1	1	1		
Murray River (streets)	11.8	1	1		
Total	820.6	8	4	1	15

The Department was also responsible for plowing the streets within the Town of Souris, as well as the Villages of St. Peters, Cardigan, Mt. Stewart, Morell, Murray Harbour, Murray River, Montague and Georgetown.

CENTRAL REGION: SUMMER MAINTENANCE

Hot mix asphalt for patching crews was available from the last week in May to the last week in October. A total of 42,257.93 tonnes was used by the branch for repairing the Province's paved road network in the Central Region. This asphalt was financed from the Division's operating and capital maintenance budget. Hand patching crews spread 3,535.18 tonnes. The Department spreader crew re-surfaced 36.56 kilometres of badly distressed pavement with 29,276.47 tonnes of asphalt. Private contractors supplied/placed 9,446.28 tonnes of asphalt over 11.80 kms of road.

The following is the tonnage of asphalt acquired from each firm:

SUPPLIERS	TONNES
Island Construction	22,854.88
Cecil Pauley Construction Ltd	3,823.76
Chapman Bros Ltd.	8,361.66
Central Roadways	7,184.83
Curran & Briggs Limited	32.80
Total	42,257.93

Resurfacing

The following roads were resurfaced with a 45mm lift of asphalt using Department equipment and personnel:

Queens Q-1

Road Name	Kilometres
Point Prim	1.00

Queens Q-23

Road Name	Kilometres
Bedford Road	1.30

Queens Q-1

Road Name	Kilometres
Garfield Road	1.00
Lord Selkirk Park	1.00
Hermitage Road	0.80
Vernon River Road	1.00
MacKen na Road	0.70
Riverview Crescent	0.50
Avondale Road	0.90
Story Road	0.20
Pond's Road	7.10
Shore Road, Wood Islands	1.00
Grey's Road	0.50
Total Kms	15.70

Queens Q-23

Road Name	Kilometres
Donaldston Road	1.00
Church - Mt. Mellick	0.30
Joey's Road	0.70
Queens Point Road	0.50
Station Road	0.40
Storey Road	0.15
Brackley Point Road	2.50
New Glasgow Road	1.05
Home Cross Road	0.40
Hardy Mill Road	0.40
Millboro Road	0.50
North York River Road	1.00
Lower Malpeque Road	2.40
New Glasgow Road	1.05
Wiltshire Road	1.0
Total Kms	14.7

Queens Q-4

Road Name	Kilometres
Lowther Drive	0.20
Gardiner/Hilltop Drive	0.80
Clyde River	0.50
County Line Road	1.00
Clarkin Road	1.28
Dunedin	0.90
Long Creek	1.30
Baltic Road	0.40
New Argyle	1.09
Route 226	0.24
Crapaud Bridge	0.10
Fairview	2.50
New Dominion	0.45
Shaw Wharf Road	0.40
Rte. 225, Stanchel	1.00
Coleville Road	0.06
Total Kms	12.22

Queens Q-5

Road Name	Kilometres
Rennies Road	0.04
Rte. 225, Springton	0.50
County Line Road	0.05
Total Kms	0.59

The following roads were resurfaced by private contractors through supply and place contracts:

Queens Q-2 (Contracted)

Road Name	Kilometres
Pownal Road	1.00
Celtic Lane	1.00
Fort Augustus	1.00
Total Kms	3.00

Queens Q-3 (Contracted)

Road Name	Kilometres
Royalty Junction Road	0.60
Total Kms	0.60

Queens Q-4 (Contracted)

Road Name	Kilometres
Bannockburn Road	0.60
Sandy Point Road	0.80

Queens Q-5 (Contracted)

Road Name	Kilometres
Simpson Mill Road	1.00
Myers Road	1.00

Queens Q-4 (Contracted)

Road Name	Kilometres
Rte. 225, Loyalist Road	0.80
Total Kms	2.20

Queens Q-5 (Contracted)

Road Name	Kilometres
New Glasgow Road	0.80
New Orleans Road	1.00
Grand Pere	0.70
Churchill Avenue	0.50
Campbellton Road	1.00
Total Kms	6.00

Total number of kilometres resurfaced in Central Region: 48.36 kilometers.

Bush Cutting

During the season, two Government mechanical bush cutters cut bushes along 461.8 kilometres of highway. The Division also used a Maintenance crews with mechanical brush chippers to trim and brush cut selected areas where mechanical bush cutters could not reach.

Road Maintenance

During the year, graders were used to scrape and maintain the unpaved road network. In some cases, roads were also ditched and loaders and trucks were used to haul away unsuitable material.

Sandstone, gravel and/or rock used to carry out the tasks of surfacing, repairing washouts, shoreline erosion, shoulder repair and material for drainage pipes was as follows:

Sandstone (m3)	Sandstone (t)	Gravel (t)	Rock (t)
7,726	16,897	8,370	698

Sandstone and/or gravel was placed as a new surface material and new culverts, driveway or cross pipes were installed as required.

Culverts

A number of drainage problems were corrected on the Central Region road network. Equipment used to carry out this work included Department or privately-owned ditching machines and trucks. New culverts were installed as required.

Guardrail and Roadside Maintenance

Three roadside crews were employed within the Region to repair damaged sections of guardrail. These crews also cut grass and weeds around guardrails and guideposts in each zone.

Grass Cutting

The Department hired two private grass cutters to maintain 309.3 kilometres of roadside grass. These contractors were contracted to cut grass from the middle of June until the end of September. In addition, four farm tractors were utilized for roadside grass cutting on the balance of approximately 2,136 kilometres throughout Central Region.

Shoulder Material

During the year, shoulder material was used to upgrade and repair worn out sections of shoulders.

Dust Control

Maintenance crews used 49 twenty-kilogram bags of flaked calcium chloride to control dust in specific locations. Liquid calcium chloride was used for dust control and stabilization on gravel roads only. A total of 296,810 litres was used to treat 85.3 kilometres of road.

The accompanying tables provide the location and extent of work done in each district during the year:

Queens Q-1 Central Region - Maintenance Activities

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by Hand)
Trans Canada					0.30		10.00
Gill Road		0.30	0.20				
McAulay's Wharf Road		0.20					
Settlement Road	0.10						
Taylor Road	0.20						
Drake Road	0.10						
McGuirk Road	0.10						
Gairlock Road	0.30						
Storey Road		0.30	0.20				
Point Prim					0.20		
Glashvin Road							2.00
Newtown Road				1.00			
Rte. 3, Alberry Plains							
East Uigg Road		0.10	0.20				
Seal River Road		0.20					
Murray Harbour Road				0.40	0.20		7.00
Gay Road							
Avondale Road		0.20					

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by Hand)
Monaghan Road					0.20		
Cook Road							
Center Road		0.30					3.00
Pownal Road							
Pinette Race Track							
Douses Road		1.00			1.00		6.00
Settlement Road		0.20					4.00
Murray's Road			0.60				
Alexandria Wharf Road							
Pioneer Cemetery Road							
Crawford Road			0.10				
Wood Islands Road							8.00
Camp Road							4.00
Queens Road							3.00
Village Green		0.20					
Waterside Road					0.10		
New Cove Road					0.50		
48 Road				1.00	0.10		
Cullodden Road		0.20					3.00
Dugan Road		0.30					
Angus J MacLean							3.40
Orwell Cove Road					0.30		

							(by Hand)
New Cove Road			0.10				
Iona Road					0.20		
Selkirk Road				0.40			7.00
Glencoe Road		0.20					
Wood Islands Day Park		0.20					
Klondyke Road		0.10	0.20				
Wheeler Road		0.10					
MacPhail Park Road		0.20					
Big Point Road		0.30					
High Bridge Road		0.20					
Greys Road							4.20
Kinlock Road		0.30					
Horton Road		0.20					0.60
Henry Lane							0.70
Roseberry							5.00
Nickleson Road			0.20				3.00
County Line Road		0.30					
Big Point Road		0.10					
Total	0.80	5.20	1.60	2.80	2.80	0.00	63.90

Queens Zone Q-2 Central Region - Maintenance Activities

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by Hand)
Aptos Drive							
Brandy Lane							

							Hand)
Clifton Road							0.10
Glen Stewart Drive							
Kinlock Road				0.20			1.20
Keppoch Road							
Keppoch							
Marion				0.10			
Mt.	0.20				0.40		1.00
Teahill							3.00
Upper							0.50
Robinson							
McKenna							
MacEach			0.80				
Power Road			0.30		0.80		
Higgins							
Bethel		1.10					0.60
Bunbury	0.40						2.80
Crown							
Rifle							
Duffy							
Owen							
Fort		2.00					4.00
Charlottet	0.50			1.00			5.00
Gay Road	0.10		0.30	0.30			
MacLenn							1.00
Pownal				4.00			3.00
Total	1.20	3.10	1.40	5.60	1.20	0.00	22.20

Queens Q-3 Central Region - Maintenance Activities

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by Hand)
Afton Road			0.20				
Bedford Road				4.00			
MacGilivray Road		0.75					

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by Hand)
Reg McInnis Road			0.20				0.60
Battery Road	0.20						
Old Bedford Road			0.25				
Home Cross Road				2.00			
Fort Augustus Road				0.75	0.30		0.30
Millcove Road				0.40			
Monaghan Road							0.30
Mt. Stewart				0.20			
Pisquid Road				0.30			
Pt. DesRoches Road			0.30				
Queen's Point Road	0.25						
Simmons Lane Road		0.60					
Tracadie Harbour							0.25
Watts Road							0.60
Portage Road	0.25						
Old Cardigan Road		0.30					
Joey's Road		0.50					
Fanning Brook Road		0.25					

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by Hand)
Corrigan Road	1.00		0.25				
Beach Road							
MacDonald Road	0.25						0.30
MacIntyre Shore Road		0.35			0.40		0.15
Brackley Point Road				3.00			0.30
Covehead Road							0.20
East Suffolk			0.40		0.50		0.50
Fristen Road	0.60		0.75		1.40		
Hardy Mill Road					0.15		
MacMillan Point Road							0.15
Normandy Lane	0.10						
Pleasant Grove Road							
St. Peters Road							0.60
Stanhope Lane							0.15
Suffolk Road	0.25						
McInnis Road					0.25		
Union Road					0.15		
York Road							0.15
Ma.25lpe que Road				1.75			

							Hand)
Royalty Junction Road							
Rustico Road				0.75			0.25
Sleepy Hollow Road				1.50			
Union Road							
Winsloe Road							
Anderson Road			0.25				
Dougan Road		0.20					
Kilkenny							
Creek Road				1.00			0.20
Cottage Road							
Total	2.90	2.95	2.60	15.65	3.15	0.00	5.00

Queens Q-4 Central Region - Maintenance Activities

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Black Creek Road							
Blockhouse Road							
Cornwall Road							
Country View Drive							
Cumberland Line Road							
Darrach Road							
Ferry Road				0.20			
Highland Park Road			0.20				2.00

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Hyde Point Road							
Kingston Road				0.40			
Linwood Road							
Loyalist Road				0.80			
Mill Road	0.10						
Meadow Bank Road				1.00			
Molyneau x Road						0.20	
New Dominion							
North York Point Road							
Rice Point Road				0.50			
Oyster Shack Road							
Rocky Point Wharf							
Warren Grove Road				2.00			
West River Road							
Wharf Road							
York Point Road	0.20		0.20				0.20
Malpeque Road							

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Kinkora Road				1.00			
Kingston Road				1.50			
Darlington Road							
Maplewood Road							
MacDonald Road			0.10				
Clyde Road							
Clarkin Road							
Callaghan Road							1.00
Ross Road							
Collette Road	.10		.20				
Colville Road							
Argyle Shore Road				.80	.20		
Rice Point Road							
Riverdale Road							
County Line Road.							
Canoe Cove Road							
Bannockburn Road							
South Melville Road							
West River Road							

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Appin Road		.10			.15		
Peters Road			.20				
Clyde River Road							.40
Quinn Road		0.30					
Sandy Point Road							
Sheepskin Road							
Cameron Road 22135			0.15				
Wynn Road							
Old Post Road							
St. Catherine's Road							
New Argyle Road							
Baltic Road							
Mill Hampton Road		0.40	0.80		0.40		
Bonshaw Road							
MacEachern Road 22091							
Shaw Wharf Road (Dunedin)							

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Cottage Road							
Line Road (Canoe Cove)							
Elliot River Road		0.30	0.40		1.30		
Currie Road			0.10		0.15		
McKenna Road			0.15		0.40		
Farrar Road			0.15		0.49		
Todd Road			0.20		0.30		
Old Appin Road							
Halls Lane							
Perley Shaw Road			0.10		0.10		
Balakalava Road							
Inkerman Road							
Bolger Park	0.10						
Osborne Road							
Memory Road	0.10						
Nelson Street							
Shore Road							
Causeway Road							
Rte 13				3.00			
Green Road					0.75		
Dock Road				1.20	0.75		
Total	0.60	1.10	2.95	12.40	4.99	0.20	3.60

Queens Q-5 Central Region - Maintenance Activities

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Bagnall Road	0.1						
Bernard Road	0.1						
Campbell's Pond			0.2				
Cape Road							
Douglas Road							2.0
Fountain Road							
Hazel Grove							
Hurst Road							
Kerrytown Road							
English Church							
Long River East							
New Road							
New London Road							0.1
Rattenbury Road							10
Rte. 6 Stanley Bridge							
Rte. 20							10
Rte. 13							11
Rte. 20, Seaview							
Snowie Rd.							
Pickering Road							
Cousins Shore			0.2				

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
North Road			0.8				
Marks Road							
Rustico Road							10
Taylor Road			0.2				
Big Bungay							
Burlington Road							
Wharf Road Long River	0.2						
Pine Grove Road	0.1						
McCourt Road							
Smith Road			0.1		0.7		
Irishtown Road							
Millvale Road							3.0
Wharf Rd (South Rustico)			0.4				
Elton MacLean			0.5				
County Line Rte 232			0.2				
Warburton			0.1				
Center Road					0.6		1.0
Bubble Bee			0.1				
Toronto Road		0.35			0.4		
Eddy Murphy Road	0.1		0.1				

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Art Ford Crossroad							
Millman Road							
Millboro Road					0.3		
Houston Road							
Brander Pond							
Little Bungy			0.10				
Princeton Road			0.20				
Woodside Rd.							
Broadway	0.20						
John Murphy							
Walter Adams							
Coulson Rd.							
Yankee Hill							
Campell Road (Irish Town)			0.10		0.30		
St. Andrews Rd.							1.00
Long River West							
River Rd.							
Grahams Road							
Cavendish Rd.							
Buffalo Road							
Mill Road	0.10						

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Old New London Rd							0.30
Simpson Mill Road				1.00			
Settlement Road							
Trout River Road							
Clyde Road							
New Orleans				1.50			
New London							
Howard Rd							
Breadalbane Rd			1.00				
Tinny Rd	0.10		0.40	0.20	0.40		0.10
New Glasgow Rd				0.20			8.00
Campbellton Rd				1.00			4.00
Church Rd							7.00
Total	1.00	0.35	4.70	3.90	2.70	0.00	67.50

CENTRAL REGION: WINTER MAINTENANCE

Winter activities in Central Region involved salting, sanding and snow removal. Temporary cold patching of paved roads, water drainage and washout repairs were also carried out, as well as any maintenance activities required to keep our highway system as safe as possible for the motoring public. To achieve this end, the following was used:

There were 24,989.04 tonnes of salt purchased for salt-only and 50/50 mix for ice control. The region purchased 1,773.04 tonnes of salt to blend with its winter sand. The blended winter sand consisted of a mixture of six percent salt, 30 percent imported, 1/4" minus stone and 70 percent local sand. This material was stored at 11 sites throughout the Region. 33,244.66 tonnes of blended winter sand was purchased for use in the Region.

Ice Control

Ice control on 185 kilometres of the main highways in the Region (a two-lane equivalent of 249 kilometres) was maintained by the direct application of road salt. Ten tandem and two single-axle trucks, equipped with automatic spreader gear were used for salt application. Department trucks were utilized to provide this service in the Charlottetown Perimeter Highway and the Town of Stratford.

Sanding Operations

Approximately 1,345 kilometres of secondary roads were maintained with blended winter sand/salt applications. Sanding operations were carried out by 22 sanding contractors using Department installed hoppers and spreaders. In addition, five Department trucks were utilized to provide service on Route #225, Warren Grove to Hartsville, Route #235 to North River to Kingston and Stratford.

No additional blended sand was required to re-charge the winter sand piles during the season.

City of Charlottetown

The Department carried out snow and ice control on 23 kilometres of main streets in the City.

The City of Charlottetown purchased 10,42.94 tonnes of salt and 88.08 tonnes of blended sand from the Department.

Snowfall Records

Total snowfall as recorded by Environment Canada recording station volunteers in Central Region was:

Station	Charlottetown	Elmwood	New Glasgow
Annual Total Snowfall (cm)	281.0	412.5	294.3

Snow Fence Report

The Department installed approximately 18,830 metres of snow fence adjacent to Department plowed snow routes to control drifting in open areas.

Snow Removal Contracted Services

The following is a breakdown of the contracted snow removal services for the fourth year of a four-year contract with private contractors.

Contractor	Kilometres Plowed
AK Construction East	65.1

Contractor	Kilometres Plowed
Birt & MacKay	81.2
Cecil Pauley Construction	61.8
Duffy Backhoeing & Trucking	27.0
Island Construction	130.5
Island Excavators	97.5
Maritime Construction	111.0
Matheson Construction	99.9
Matheson & MacMillan	95.9
North Shore Trucking	61.6
Total	831.5

The Department was responsible for plowing 776 kilometres of highway. To this end, 24 plow routes and six blower routes were established. The following equipment was assigned and located as follows:

Central Region

Location	Kilometres	Graders	Blowers	Loaders	Trucks
TCH West	31.1				2
St. Peters Rd	39.3				1
TCH East Ch'town - Orwell	21.1				1
TCH East Orwell - Wood Islands	31.3				1
By-Pass Ch'town	15.2				1
Ch'town Rte.2 - Summerfield	35.0				2
Route 225 - Route 235	30.9				1
DeSable, South Melville	38.0				1
Rustico Rd., Mayfield	42.2				1
Rocky Pt., Meadowbank Rd. Cornwall Rd.	36.5				1
Vernon, Kinross, Newtown	42.0				1
Selkirk Rd., Iona Rd., Oceanview	46.2				1
Central Rd., Murray Harbour Rd., Rte. 315	39.5		1		1

Location	Kilometres	Graders	Blowers	Loaders	Trucks
New London, Stanley Bridge, Cavendish	37.4	1	1		
Cornwall, North River	47.2	2		1	
Rice Pt & Rocky Pt.	17.0	1			
Stratford	73.3	1		1	3
Earnscliffe & Millview	25.4	1			
Pt. Prim, Pinette	35.4	1			
Rustico	19.0			1	
Ch'town Mains	29.4				2
Pownal, Crossroads	29.4				1
Garage Parking Lots				1	
Government Building Lots				2	
Meadowbank, Upton Rd., Off Ramps	5.4				1
By-Pass, Off Ramps, Hospital Entrance	8.6				1
Central Region (used where needed)			4		
Spares		1		1	2
TOTALS	775.7	8	6	7	25

WESTERN REGION: SUMMER MAINTENANCE

Hot mix asphalt for patching crews was available from the June to October. A total of 34,729.77 tonnes was used by the branch for repairing the Province's paved road network in the Western Region. This asphalt was financed from the Division's operating and capital maintenance budget. Hand patching crews spread 5,326.42 tonnes. Private contractors supplied/placed 29,403.35 tonnes of asphalt over 40.17 kilometres.

The following is the tonnage of asphalt acquired from each firm:

SUPPLIERS	TONNES
Curran & Briggs Ltd	20,458.37
HI Construction Ltd	13,020.10
Total	33,478.47

Resurfacing

The following roads were resurfaced by private contractors, Curran & Briggs and HI Construction, through supply/place contracts.

Prince P-1

Road Name	Kilometres
Rte 111 Middleton Rd	1.1km
County Line Rd	1.11km
Chelton Rd	.4km
Fernwood Rd	1km
Rte 8 Freetown Rd	1.03km
Rte 112 - MacCallums Pt	1km
Total Kms	5.64km

Prince P-2

Road Name	Kilometres
Rte 20 to Malpeque	1.54km
Rte 101 - Irishtown Rd	.51km
Rte 120 - Wilmot Valley Rd	1km
Mills Point Rd	.42km
Glenn Drive - Linkletter	.55km
Hackmatack	0.84
Mont Carmel	1.22
St Raphael	0.62
St Chrysostome	1.01
Taddy Rd	0.83
Wharf Rd	0.35
Spring St	0.21
Riverside Dr	0.22
Pond St	0.13
Total Kms	9.33km

Prince P-3

Road Name	Kilometres
Rte 12 Barlow Rd	.55km
Rte 12 Birchill Rd	.98km
Rte 131 - Sunnyside	.65km
Rte 127 Aldous Rd	.5km
Rte 163 East Bideford Rd	.4km

Prince P-4

Road Name	Kilometres
Gaspe Rd	0.78
Kildare Rte 12	0.4
Rte 152 St Edwards	0.75
Piusville/Bott s Rd	0.90
Hardy Rd	1.10

Murray Rd, Freeland	0.78
Rte 12 Poplar Grove	1.20
Rte 14 Cape Wolfe	1.32
Cedar Dunes Park Rd	0.25
Rte 12 Foxley Rover	1.23
Rte 11 Victoria West	0.94
Total Kms	8.8km

Centerline Rd	0.90
Christophers Rd	0.70
Rte 159 Peter Rd	0.55
Rte 152 St Louis St Edwards	0.75
Martin Rd - St Roch	0.59
Rte 162 O'Rourke Rd	0.8
Rte 114 Nail Pond	1.0
Tignish Run	0.2
Myrick St Tignish	0.2
DeBlois Rd	0.6
Total Kms	10.26km

Total number of kilometres resurfaced in Western Region: 34.15 kms by private contractors.

Bush Cutting

During the season, three Government mechanical bush cutters cut bushes along 362.8 kilometres of highway. The Division also used Maintenance crews with mechanical brush chippers to trim and brush cut selected areas where mechanical bush cutters could not reach.

Road Maintenance

During the year, seven graders in the county carried out grading services on the unpaved road network. This would include 298 km of seasonal roads and 221 kms of year-round unpaved roads. In some cases, roads were also ditched and loaders and trucks were used to haul away unsuitable material. Sandstone, gravel and/or rock used to carry out the tasks of surfacing, repairing washouts, shoreline erosion, shoulder repair and material for drainage pipes was as follows:

Sandstone	Gravel	Gabion Rock	Other	Millings
8,500 (t)	10,550 .67 (t)	11,751.27 (t)	5,585.65 (t)	1,142.28 (t)
12,036 (m3)				

Sandstone and/or gravel was placed as a new surface material, and new culverts, driveway or cross pipes were installed as required.

Culverts

On the Western Region road network, a number of drainage problems were corrected. Equipment used to carry out this work included Department or privately-owned ditching machines and trucks. New culverts were installed as required.

Guiderail and Roadside Maintenance

Maintenance crews were employed within the county to repair damaged sections of guardrail. Also, these crews cut grass and weeds around guardrails and guideposts in each zone.

Grass Cutting

The Department contracted five private grass cutters to maintain 843.70 kilometres of roadside grass. These contractors were contracted to cut grass from the middle of June until the end of September. In addition, three Department tractors were utilized for roadside grass cutting on arterial collectors and scenic drives of approximately 869.8 (2 passes) kilometres throughout the Region.

Shoulder Material

During the season, shoulder material was used to upgrade and repair sections of shoulders.

Dust Control

Maintenance crews used 422 thirty-five kilogram bags of flaked calcium chloride to control dust in specific locations. Liquid calcium chloride was used for dust control and stabilization on gravel roads only. A total of 201,035 litres was used to treat 110.50 kilometres of road.

The accompanying tables give location and extent of work done in each Zone during the year.

Prince Zone P-1 Western Region - Maintenance Activities

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by hand)
Kelly Road					0.04		
County Line Rd, Lady Fane					2.30		
Mt. Tryon					0.90		

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by hand)
Maple Plains Road					0.50		
Rte. 10 - North Carleton					3.00		
Chelton Road					0.72		
Wilmont Valley Rd.					0.50		
Bradford Rd.		0.80	1.50	0.80	0.05		
Taylor Rd.		0.80					1.00
N. Freetown Rd.	0.32	0.48					
County Line Rd. - Margate	0.32	0.48					
Bakershore Road		0.15					
Salvation Cove Road		0.14					
Train Station Rd.		0.30					
River Road		0.20					
Cumberland Cove Rd.		0.30					0.20
Middleton Rd.		0.20		1.00	1.10		
Montgomery Rd.			0.30				
Woodside Road			0.15				
MacCallums Pt. Rd.			0.30	1.00	0.06		

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by hand)
MacCallums Pt. Rd.					1.00		
New Rd - Fernwood			0.25	0.75			
Duffy Road			0.25				
Lighthouse Rd Fernwood			0.40				
Connelly Wood Rd			0.30				
Boulter Loop Road			0.20		0.05		
Walls Bridge Road			0.20				0.30
Everette Reeves Rd			0.20				2.00
Lower Tryon Road		0.80					
Campbell Rd - Bedeque			0.20		0.07		
Chelton Beach Rd				0.40			
Fernwood Road				1.00			
Fernwood Road				1.00			
County Line Rd. Lady Fane				2.00			
Tryon Mill Road				0.40			
Wilmot Valley Road				1.00			
Total	0.64	4.65	4.25	9.35	10.29	0.00	3.50

Prince Zone P-2 Western Region - Maintenance Activities

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by hand)
Malpeque Rd				3.00			
Irishtown Rd				1.00			
Mills Point Rd				0.85			
Andrews Drive				0.70			
Memory Lane				2.80			
Glenn Drive				1.20			
Taddy Road				1.60			
Hacmatack				1.60			
Rte 11 - Harmony Rd				2.00			
Rte 177				2.40			
St Raphael Road				1.20			
Wharf Rd. Maximville				0.69			
Clay Road					0.40		
Rte 2, Norboro					0.20		
Shipyard Road					0.18		
Malpeque Rd c/a 433					0.10		
Thompson Pt. Road					0.29		
Old Summerside Road					0.17		

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by hand)
Belmont Rd c/a 1147					0.23		
Belmont Rd c/a 1269					0.13		
Linkletter Rd Rte 11					0.28		
Barlow Rd - Wellington					0.89		
Rte 11 Mt. Carmel					0.24		
Rte 11 Egmont Bay					0.30		
MacIsaac Road					0.19		
Rte 177 - St Raphael					0.40		
St Nicholas Rd c/a 4133					0.18		
Gilbert Road					0.20		
Sub Division, Miscouche					0.22		
Rte 11, Maximeville						0.15	
Barlow Road						0.06	
John Paul Road		0.60			1.10		
Reid Road		0.33					
Clay Road					0.40		

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by hand)
Marie Road			0.33		0.65		
Strang Road			1.20		0.80		
Old Tory Road		0.30					
Compton Road		0.70	0.70				
Prince Town Road			0.60				
Shipyard Road					0.30		
Old Summerside Road					0.08		
Total	0.00	1.93	2.83	19.04	7.93	0.21	0.00

Prince Zone P-3 Western Region - Maintenance Activities

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by hand)
Herron Rd							0.05
McInnis Rd							0.01
#2 Coleman					0.19		
Navoo Rd					0.30		
O'Leary Rd, Knutsford					0.14		
Rte 14 Cape Wolfe					0.36		
Richard's Rd					0.41		
Hutchinson Rd					0.12		

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by hand)
Beaton Rd					0.12		
Moore Rd					0.16		
Rte 11 Enmore					0.18		
Rte 2 Springhill					0.05		
Rte 2 Inveness					0.04		
Diversion Rd					0.12		
Barlow Rd					0.73		
Southwest Rd					0.27		
Willie Birch Rd					0.73		
Chapel Rd					0.11		
Northam Rd					0.12		
Allan Rd					0.07		
Navoo Rd					0.54		
Porthill Stn Rd					0.80		
Hall Rd, Victoria West					0.97		
Springfield West						0.27	
Canadian Rd, Peat	0.83						
Church Rd		0.50					
Total	0.83	0.50	0.00	0.00	6.50	0.27	0.06

Prince Zone P-4 Western Region - Maintenance Activities

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by hand)
Blanchard		0.20		0.40			
Pitre				0.30	0.24		
Provost			0.20				
Donahue		0.90		0.90			
Martin	0.30			0.30			
Metheral		1.00		1.00			
Lupin Lane	0.20						
Chaisson						0.34	
Arsenault						0.45	
Strang					0.34		
Wedge		0.25					
Palmer North		0.35					
Palmer South		0.36					
Centerline					0.81		
Watson					0.11		
Back Settlement					0.22		
Unionvale					0.08		
Cascump ec					0.41		
Marchbank					0.25		
Clarke					0.31		
Kildare Rte 12				0.20	0.16		
Josie Shang					0.29		
Arsenault					0.15		
Black Pond Rte 14					0.12		
Howlan					0.20		
Leoville					0.27		

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting (by hand)
Miminega sh					0.35		
Profits Comer					0.25		
Christopher					0.08		
Shore Rd. Pleasant View					0.25		
Cape Gage					0.20		
Dock					0.46		
Butcher					0.73		
Union					0.66		
Palmer					0.73		
Little Tignish					0.31		
Nelligan					0.15		
Ascension					0.16		
Gall					0.13		
Cheese Factory Road				0.10			
Montrose				0.20			
Total	0.50	3.06	0.20	3.40	8.40	0.79	0.00

WESTERN REGION: WINTER MAINTENANCE

Winter activities in the Western Region involved salting, sanding and snow removal. Temporary cold patching of paved roads, water drainage and washout repairs were also carried out, as well as any maintenance activities required to keep our highway system as safe as possible for the motoring public. To achieve this end, the following was used:

There were 10,465.13 tonnes of salt purchased for salt-only and 50/50 mix for ice control. The region purchased 1,943.45 tonnes of salt to blend with its winter sand. The Region purchased 34,685.77 tonnes of blended sand. This blended material consisted of a mixture of six percent salt, 30 percent imported, 1/4" minus stone and 70 percent local sand. This material was stored at ten (10) sites throughout the Region.

Ice Control

Ice control on sections of Highway 1, 1A, 2 East, 2 West, 153 and sections of 142, 150 and 152, as well as Tignish, O'Leary and Alberton main streets, including 185.64 kilometres of road, were maintained by direct salt application.

Sanding Operations

Approximately 1,256.20 kilometres of secondary roads were maintained with blended winter sand/salt operations. Sanding operations were carried out by 20 sanding contractors using Department installed hoppers and spreaders. Winter sanding contractors are in the final year of a 5-year contract.

Snowfall Records

Total snowfall as recorded by Environment Canada recording station volunteers in the Western Region was:

Station	Summerside	Tyne Valley	Tignish	Long Creek
Annual Total Snowfall (cm)	301.6	253.0	330.0	288.0

Snow Fence Report

The Department installed approximately 2,092.45 metres of snow fence adjacent to Department plowed snow routes to control drifting in open areas.

Snow Removal Contracted Services

The following is a breakdown of the contracted snow removal services for the Final year of a 4-year contract with private contractors.

Contractor	Kms Plowed
AK Construction West	151.75
Acadia Construction	109.84
AJL Ltd.	37.62
Clearview Construction	147.14
Curran & Briggs Ltd.	178.57
Duffy Construction	91.44
HI Construction	89.72
Harper's Construction	87.84
Matthew's Lime Spreading	93.86
Northern Enterprises Ltd.	27.85
Westisle Construction	108.94
TOTAL	1124.57

The Department was responsible for plowing 439.68 kilometres of highway. To this end, 16 plow routes were established. The following equipment was assigned and located as follows:

Western Region

Location	Kms.	Graders	4 x 4	Blowers	Loaders	Trucks
Tignish	40.30					1
Cascumpeque / Alberton	40.60		1			
Fortune Cove	24.10	1				
Bloomfield	32.85					1
Alaska	33.45	1				
Poplar Grove	31.10	1				
Springhill	31.32	1				
Alma Spare		1		1		1
Albany	21.80					1
Kinkora	22.90					1
Albany	29.08		1			
Summerside, Rte 1A	21.29					1
Slemon Park	12.50				1	
North Bedeque	9.20					1
Summerside West	32.15					1
Summerside, Rte 2 East	21.95					1
Searletown	35.10		1			
Summerside				3		1
Summerside spares		1				1
Totals	439.69	6	3	4	1	11

CONFEDERATION TRAIL MAINTENANCE

Maintenance Crews performed work on the approximately 412 kilometres of the Confederation Trail.

Activity	Total
Vegetation Control	412 kms
Culvert Replacements	185 metres
Ditching	12.3 kms
Bush Cutting	36 kms
Pre-develop	12
Groom & Roll	70
Groom & Resurface	24 kms

In FY09-10 \$1,063,000 was spent on projects which were carried out on the Confederation Trail through funding from the Public Transit Capital Trust Program.

MECHANICAL BRANCH

Expenditures

Operating budgets for the Mechanical Branch and Fleet Operations during the year totalled \$15,467,000.

The budget appropriation was distributed as follows:

Activity	Total
Charlottetown Garage Direct	\$ 4,510,900
Charlottetown Garage Indirect	\$ 1,169,900
Bridgetown Garage Direct	\$ 1,710,200
Bridgetown Garage Indirect	\$ 434,200
Summerside Garage Direct	\$ 2,750,300
Summerside Garage Indirect	\$ 141,600
Western Region Operators	\$ 1,307,500
Central Region Operators	\$ 2,172,400
Eastern Region Operators	\$ 1,270,100
Total	\$ 15,467,100

Equipment

Corporate Fleet

Transportation and Infrastructure Renewal maintained overall responsibility for management of the Corporate Fleet. The process for acquisition and disposal of government light fleet has continued to evolve. Department staff provide guidance and support to line departments in the overall management of fleet vehicles including assessment of vehicles identified for replacement to determine suitability for reallocation in the broader government fleet.

During the year, a total of \$839,729 was invested in to upgrade the Provincial Government corporate fleet which includes vehicles categorized as passenger cars, vans and light trucks of approximately 1.5 ton or less. Capital budget allocations totalled \$500,000, while operating funds and capital allocations within various line departments were accessed for the remaining \$1,339,729 of light fleet purchases.

Light Fleet Purchases

Quantity	Equipment Purchased
2	Full-size Car Purchase
1	Full-size Car Lease Buyout
5	Passenger (Mini) Van Purchase
1	Passenger (Mini) Van Lease Buy-out
3	Compact Car Purchase
5	1/4 Ton Trucks
10	½ Ton Regular Cab Truck
3	½ Ton Extended Cab
1	½ ton Extended Cab Hybrid Replacements Through Buyback Program
3	½ Ton Crew Cab
2	3/4 ton trucks
1	3/4 ton Lease Buy-out
3	Cargo Vans
40	Total Vehicles Purchased

Heavy Fleet

The sum of \$2,066,947 was allocated for the Capital heavy equipment account, which includes all commercial vehicles exceeding 4 ton & over and other heavy equipment such as loaders, tractors, bush cutters and attachments.

Heavy Fleet Purchases

Quantity	Equipment Purchased
1	Crack Filling Machine
3	Plow Trucks (Volvo)
3	Snow Accessories
12	Patching Rollers
1	Loader Mount Blower (JA LaRue)
1	Loader (CASE)
1	B-Directional Tractor
1	Rotary Boom Mower
1	Tractor Blower
2	New Holland Tractors (Lease Buyout)
1	V-Plow
2	Hoppers
1	Wood Chipper (Vermeer)
2	Brine Makers
7	Cab Shield Brine Tanks
2	Tailgate Brine Tanks
3	Greasing Systems

Each year this report includes a table to show the average fleet ages for active units as an indicator of the progress of the Fleet Replacement Program. Numbers reported in this report reflect inventory at April 13, 2010. The ideal number in the "% Units Over Half Age" column is 50%. At any given time, half of the vehicles in the fleet should not be older than, 50% of the Optimum life and 50% should be younger than Half age. The table shows that the government wide corporate fleet and Mechanical Branch heavy fleet continue to be over-aged and identifies the problem areas.

2009/10 Fleet Age Indicators

Unit	Quantity	In Years			Percentage Half Age
		Optimum Life	Target Average Age	Actual Average Age	
Corporate Fleet	361	6	3	5.0	66%
Single Axle	19	10	5	9.4	42%
Tandem	34	10	5	8.4	35%
4 x 4	17	20	10	23	100%
Grader	22	20	10	20	100%
Loader	22	20	10	16	85%
Self Propelled Blower	12	25	12	30	100%
Loader Mount Blower	5	20	10	5	0%
Tractor	26	20	10	13.3	31%
Grade-all	2	20	10	17	50%
Spreader	2	20	10	17	100%
Roller	3	20	10	16.3	100%
Sand Hopper	62	20	10	9	44%
Trailer	55	20	10	5.7	15%
Small Asphalt Rollers	16	10	5	2	0%

Replacement Program

Each year, Department staff continue to conduct a total review of the equipment to determine a replacement program. This program identifies the most immediate needs of the Department - namely operational requirements - and the replacement of existing equipment that has exceeded their useful life cycle. This program identifies the equipment requirement for years one through five and the annual costs necessary to accomplish it.

Systems

The Fleet Management System continues to be utilized to provide an account of the operating and maintenance costs associated with the Department's fleet of vehicles.

Key Result Areas

Achievements of key result areas were as follows:

Financial Control:

The measure for financial control is budget achievement. The target is 100% achievement of budget. During the year, expenditures exceeded budget as a result expenditures on repairs to heavy fleet equipment attributed to an aging fleet, resulting increased costs of parts.

The Department continues to promote safety awareness by looking at methods that will allow for safer work environments and educating the work force in areas of safety issues.

Training:

The Mechanical Branch continues to consider training as a priority and therefore provides training in the following areas:

- First Aid
- Welding Apprentice Training/OJT
- Dangerous Goods
- Driver Refresher Course
- Engine Diagnostic Session
- Forklift Training
- 3 Mechanic Apprentices
- 3 Welding Apprentices

Infrastructure Secretariat

The Infrastructure Secretariat is a joint Provincial - Federal Office, responsible for looking after infrastructure funding programs for Prince Edward Island. The office houses three full time provincial employees.

Within the reporting period, five infrastructure programs were in operation:

2. Canada-Strategic Infrastructure Fund (CSIF I);
4. Gas Tax Program (GT)(New Deal for Cities and Communities) and Gas Tax Extension(GT);
6. Canada-PEI Municipal Rural Infrastructure Fund (MRIF);
8. Building Canada Fund - Communities Component (BCF-CC);
10. Building Canada Fund -Major Infrastructure Component (BCF-MIC); and
12. Infrastructure Stimulus Fund

INFRASTRUCTURE PROGRAMS

1. Canada Strategic Infrastructure Fund 1 (CSIF)

In 2005/06 three CSIF I projects were announced for funding at a one-third basis: Stratford Sewer/Water Extension; Charlottetown WWTP Upgrade and Expansion; and Summerside WWTP Upgrade and Expansion. In addition, a sludge treatment project was attached to above WWTP for Charlottetown, funded 50/50 between the Federal and Provincial Governments, with a total cost of \$5.2 million. Charlottetown and Summerside Wastewater and Water Tower projects are completed. The Stratford Sewer/Water project is the only active CSIF project. The remaining components are complete, and the final claims were paid in 2011.

2. Gas Tax Fund (New Deal for Cities & Communities) and Extension program

The Gas Tax program became active on November 22, 2005 with the signing of the Agreement. The Agreement provides the province with Thirty-Seven Million Five Hundred Thousand dollars (\$37,500,000) over 2005-2010. An extension to the program was announced on September 8, 2008, totalling Sixty Million dollars (\$60,000,000) for a four year period from 2010-2014.

All projects undertaken with Gas Tax Funding must fall within the eligible project categories, which are: wastewater, water, solid waste, public transit, community energy systems, active transportation infrastructure and capacity building.

The Province started the 2010/11 fiscal year (FY) with a carryover of undistributed 2005-10 GT funds totalling \$297,372. The Province then was entitled to receive \$15,000,000 from Canada as part of their four-year allocation from the extension agreement. The available dollars for spending totalled \$15,297,372. Of the available fund, \$14,659,880 was transferred to Eligible Recipients.

The Gas Tax Extension Agreement for the Province of Prince Edward Island has four program areas:

- A. Direct Allocations to the 26 Water and/or Sewer Communities
\$30.0 million
- B. Community and Capacity Building (plus program admin)
\$12.0 million
- C. Municipal Services provided by the Province (Roads and Bridges)
\$18.0 million

Total \$60.0 million

Direct Allocations to the 26 Water and/or Sewer Communities

In order for the 26 water and/or sewer communities to receive the bi-annual funding instalments, they needed to supply a Capital Investment Plan to the Secretariat for approval. In 2010/11, the Infrastructure Secretariat received CIP's from all but 2 municipalities. Project applications from the 26 ESMI communities were submitted; they outline 36 projects, with a total project cost of \$59,309,591.

A. Community and Capacity Building (plus program admin)

In the Gas Tax Extension Agreement an additional, \$12.0 million was established for the Community and Capacity Building Fund, as well as for the programs administration. Administrative costs cannot exceed \$600,000; leaving a minimum of \$11.4 million for the Community and Capacity Building Fund.

It was decided by Management Committee to divide the Community and Capacity Building funding into two separate funding programs: 1) Community Fund; and 2) Capacity Building Fund. Each of these programs is application based, and requires Guidelines and Criteria, which were approved by Management Committee.

The Gas Tax Agreement seeks to foster sustainable cities and communities, which can achieve a higher quality of life and standard of living. The Communities Fund is primarily for those communities who do not provide water and/or sewer but who wish to undertake other infrastructure initiatives. All projects must fall within the eligible categories established in the original Gas Tax Agreement.

B. Community Fund

Management Committee approved the Community Fund Guidelines and Criteria in April 2007. In 2010/11, 5 projects were approved for funding with a total cost of \$3,340,051 of which \$1,943,906 is Gas Tax funds.

Capacity Building Fund

The vision of sustainability reflected in the Agreement integrates the four independent dimensions: cultural, social, economic, and environmental. Within this context the "Capacity Building Fund" has been established to assist communities to enhance their capacity to achieve and maintain long term sustainability

The CBF is used towards soft cost projects, such as system wide planning, bylaw reviews, official planning, land use studies and sustainability projects. There were 8 projects approved in the 2010/11 fiscal year with a total cost of \$763,585 of which \$536,449 is Gas Tax funds.

C. Municipal Services provided by the Province (Roads and Bridges)

Through the Gas Tax funding for the Municipal Services provided by the Province (roads and bridges), \$18 million has been approved over 4 years. All projects will be carried out by the Provincial Department of Transportation and Infrastructure Renewal (TIR). Projects include: Cornwall Left Turn Lane; Rte. 2 Richmond Storm Sewer, Rte. Stratford; Rte 25 York Road; Rte 4 & Valleyfield and St. Peters Bay Bridge. Total cost of projects was \$ 6,088,000 with the Gas Tax funding of \$5,750,000.

3. Municipal Rural Infrastructure Fund (MRIF)

On April 27, 2005 the \$54 million Municipal Rural Infrastructure Fund (MRIF) was announced. Eligible applicants for MRIF funding include municipalities, unincorporated areas and community organizations. MRIF funding consists of equal share contributions between the Federal, Provincial and Municipal Governments.

MRIF is considered to be an innovative and effective approach, designed to take into account the priorities of both large and small communities across the Island, and offers a unique opportunity to enhance local infrastructure to support future growth and development. This program includes a strong "green" element, directing a minimum of 40% of funds to support projects that will lead to cleaner air and cleaner water. Green projects include such things as, improvements to local water systems, upgrades to wastewater facilities, and environmental energy improvements to municipal buildings. Public transit projects are also considered "green".

A secondary focus provides for investment in categories such as local roads, improved internet access, and projects to promote local culture, recreation and tourism. In addition, up to 1% of the fund will be devoted to infrastructure capacity building to assist communities to better access their existing infrastructure and to strengthen municipal planning.

The Canada-Prince Edward Island Municipal Rural Infrastructure Fund is administered by the Department of Community and Cultural Affairs and the Atlantic Canada Opportunities Agency; the Federation of PEI Municipalities is also represented on the program's management committee.

As of March 31, 2010, all available funds under the MRIF program had been committed. Ninety-Seven (97) projects were approved, totaling just over \$63.5 Million.

While no additional projects were approved in the period April 1, 2010 to March 31, 2011, there were a few minor amendments granted to projects. In February 2010 an amending agreement was signed to extend the date of the program until March 31, 2014. This extension will allow two projects to continue to completion.

In FY2010-11, 21 projects received \$705,233 in funds from submitted claims as Table 1 shows.

Table 1 – Municipal Rural Infrastructure Fund Actual for FY2010-2011

MUNICIPAL RURAL INFRASTRUCTURE FUND ACTUAL FOR FY 2010-2011			
APPLICANT	PROJECT NAME	TOTAL COST	ACTUAL SPEND FY 2010-2011
Abram-Village	Sewer line extension & lagoon expansion	1,591,179	28,886.16
Charlottetown	Victoria Park Tennis Court Development	229,000	19,903.54
Charlottetown	Brighton Beach Grove Lift Stations	147,170	90,113.33
Charlottetown	Central Field Twinning	218,119	138,340.62
Charlottetown	Trans Canada Highway sewer & Water Extension	1,019,452	25,169.69
Charlottetown	Storm & Sidewalk Construction- 2008	2,179,451	140,000.41
Environmental Industrial Services Inc.	Georgetown Wellfield Upgrade & Chlorination	224,001	0.00
Georgetown	Sewer lagoon upgrades- Phase II	598,926	12,028.01
Georgetown	Sewer & Water Main Replacement	971,750	63,501.88
Kensington	Sunset Drive water extension	200,000	0.00
Kensington	Water Metering Program	76,200	509.44
Kensington	Train Station Upgrades	125,000	0.00
Lorne Valley	Community centre renovation	33,000	316.55
Montague	Montague Wellness Centre	6,738,957	98,037.22
Northport	Community centre energy retrofit	87,601	1,625.05
O'Leary	O'Leary Recreational Fields	359,118	8,545.07
Richmond Street Recreation & Social Club	Accessibility Renovations to Facility	669,340	2,107.44
Souris	Sewer/Water main/Sidewalk replacement on Main St	1,339,750	0.00
Summerside	Summerside Canada Games Venue	2,210,619	35,109.00
Tignish Sports and Recreation Assoc	Construct new arena	3,200,000	26,405.98
University of Prince Edward Island	Canada Games Track & Field Facility	6,765,982	14,634.31
Total		28,984,616	705,233.69

4. Building Canada Fund – Communities Component (BCF-CC)

The Building Canada Fund – Communities Component (BCF-CC) is one part of the Building Canada Fund. The BCF-CC program is partnered with the Building Canada Fund – Major Infrastructure Component (BCF-MIC) program. Total funding of \$35.25 Million was allocated to the Province, with \$22 Million going to BCF-CC and \$13.25 Million going to BCF-MIC. A further \$2.1 million was announced for Build Canada Communities Component Top-Up projects. The Province had one project under the top-up.

BCF-CC is an application-based program open to local governments, non-profit groups, for-profit corporations, and the Province (where it provides municipal services to non-incorporated communities).

The BCF-MIC program deals mainly with larger projects which are priorities of government, and projects are mainly approved through a series of negotiations between the applicant, the Province, and the Federal government.

There are eighteen categories eligible under the BCF-CC program:

1. Water Infrastructure
2. Wastewater Infrastructure
3. Public Transit Infrastructure
4. Infrastructure
5. Green Energy Infrastructure
6. Disaster Mitigation Infrastructure
7. Solid Waste Management Infrastructure
8. Brownfield Remediation
9. Culture Infrastructure
10. Sport Infrastructure
11. Connectivity Infrastructure
12. Local Road Infrastructure
13. Short line Rail Infrastructure
14. Short Sea Shipping Infrastructure
15. Tourism Infrastructure
16. Regional and Local Airports
17. Recreational Infrastructure
18. Collaborative Projects

As of March 31, 2011 there were 54 approved projects valued at \$46,407,820.00. In the FY 2010/11, 41 projects made claims totaling \$13,216,802, as shown in Table 2 – Building Canada Communities Component Actual Spend – FY2010-2011

Table 2 – Building Canada Communities Component Actual Spend – FY2010-2011

BUILDING CANADA-COMMUNITIES COMPONENT ACTUAL SPEND FY 2010-2011			
APPLICANT	PROJECT NAME	TOTAL COST	ACTUAL SPEND FY 2010-2011
Alberton	Rehabilitation of Local Road Infrastructure	210,000.00	5,577.64
BioCommons Developments Inc.	PEI BioCommons Research Park Infrastructure	2,952,600.00	800,000.00
CARI Complex	Energy Retrofit	1,579,380.00	400,000.00
Cavendish Music Festival Site	Permanent Events Site Construction	1,800,000.00	515,668.60
Charlottetown	Allen St & Mt. Edward Rd Intersection	3,000,000.00	300,000.00
Charlottetown	Transportation Network Rehabilitation	1,798,736.97	47,502.02
Charlottetown	University Ave Traffic Flow Improvement Top-Up	6,300,000.00	4,061,347.08
Communities 13 Inc.	Energy Audit Retrofit	250,000.00	19,420.16
Cornwall	Sports Field Phase II	2,990,351.00	1,100,000.00
Cornwall	Ferry Rd-Meadowbank Rd Sewer	143,882.00	40,949.38
Crapaud	Wastewater Treatment Facility Upgrades	1,402,800.00	600,000.00
Crapaud	Sherwood Forest Well-site	100,000.00	15,312.80
Fathers of Confederation Buildings Trust	Grafton Street Pedestrian Pedway	2,100,000.00	500,000.00
Georgetown	A.A. MacDonald Memorial Gardens	43,200.00	20,315.48
Kensington	Sewer & Water Extension/Replacement	6,333,000.00	200,000.00
Kinkora	New Subdivision	261,491.00	28,776.76
Kinkora	Sewer Main Replacement	183,425.00	19,833.08
Montague	Local Road Improvements	220,206.00	115,506.92
Mount Stewart	Wastewater Lagoon Upgrades	1,042,000.00	24,141.48
North Rustico	Well Site/Wastewater Upgrades	1,243,750.00	420,000.00
PEI Indoor Soccer Complex Inc.	Regional Indoor Soccer Facility	3,736,871.00	67,266.66
Pownal Sports Centre	Community Function Rooms	690,200.00	240,000.00
Resort Municipality	Seawood Estates Sanitary Sewer Ext.	1,160,880.00	375,757.38
Resort Municipality	Waste Treatment Facility Improvements	239,375.00	50,805.90
Seawood Water Utility Corporation	Water System Improvements	241,032.00	31,585.88
Stratford	Bunbury and Area Watermain Extension	1,485,000.00	80,336.84
Stratford	Georgetown Rd Sewer	605,000.00	3,469.60
Stratford	Sundance Cove Sewer	664,000.00	275,456.40
Stratford	Georgetown Rd Water	251,000.00	454.16
Stratford	Lantz Subdivision Sewer/Water Project	965,000.00	30,708.42
Stratford	Glencove-Rogerson Water Extension	511,000.00	139,055.02
Summerside	Willow Street-Greenwood Dr Reconstruction	1,710,000.00	300,000.00
Summerside	West End Walkway & Shoreline Protection	3,600,000.00	1,000,000.00
Summerside	Water St. Rebuild- Downtown Core	1,064,332.00	317,418.70
Summerside Regional Development Corp.	Marina Seawall Reconstruction	1,696,848.00	370,602.44
Tignish	Lagoon Upgrade	50,592.00	18,769.06
Tignish	Wellfield Site #2 Development	47,282.00	26,003.20
Tyne Valley	Lagoon Expansion and Upgrade	1,398,575.00	242,477.40
UPEI	Canada Games Track Building	708,807.00	10,843.98
UPEI	Ring Road Paving	400,000.00	1,440.06
Wellington	Wellington Lagoon Expansion	996,000.00	400,000.00
Total		56,176,615.97	13,216,802.50

Building Canada Fund – Major Infrastructure Component (BCF-MIC)

The BCF-MIC program received \$13.25 Million from the Federal government. This amount was to be matched by the Provincial Government, which gave the Province \$27 Million for project allocation. The BCF-MIC program does not set an amount for the Recipient to contribute. That is a matter of negotiation depending on the Total Value, and the significance of the project.

At the end of FY 2010/11 the Convention center started, no claims were process. The Summerside Wind Farm was completed and paid out in 2009/10.

The table below shows the funding arrangement of the program.

Table 3 – Major Infrastructure Component Program Shares

MAJOR INFRASTRUCTURE COMPONENT PROGRAM SHARES				
Project	Federal Share	Recipient Share	Provincial Share	Total
Summerside Wind Farm	4,500,000	4,500,000	4,500,000	13,500,000
Convention Center	8,750,000	0	8,750,000	17,500,000
BCF-MIC SUBTOTALS	\$13,250,000	\$4,500,000	\$13,250,000	\$31,000,000

Infrastructure Stimulus Fund (ISF)

The Infrastructure Stimulus Fund was approved in 2009/10 as a two year program as part of the stimulus package. The program fund was \$34.7 million of which \$16.07 million is the provincial share. The programs mandate was to have projects completed March 31, 2011. The Province received approval for 18 projects. The Infrastructure Secretariat is responsible for 8 of the projects that represent Municipal Assets and not for profit projects. All 7 projects were completed by the March 31, 2011 deadline. One project was not completed and with the federal extension granted it will be completed in 2011/12.

Table 4 - Infrastructure Stimulus Fund Project List

Assets Category	Project Name	Project	Total Costs	Eligible	Federal	Provincial	Recipient
A2. Municipal Assets	Heritage Park & Trails (Summerside)	Park & Trails	\$ 930,000	\$ 930,000	\$ 310,000	\$ 310,000	\$ 310,000
	Summerside Storm Sewer Project	Municipal Infrastructure	\$ 3,000,000	\$ 3,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000
	Souris Town Hall Renovations	Municipal Buildings	\$ 43,800	\$ 43,800	\$ 14,600	\$ 14,600	\$ 14,600
	Wellington Municipal Building (Vanier Centre)	Municipal Buildings	\$ 750,000	\$ 750,000	\$ 250,000	\$ 250,000	\$ 250,000
	O'Leary Community Complex	Energy Retrofit	\$ 235,516	\$ 235,516	\$ 78,505	\$ 78,505	\$ 78,506
A3. Not For Profit	Indian River Festival (Indian River)	Cultural Infrastructure	\$ 357,116	\$ 357,116	\$ 119,038	\$ 119,038	\$ 119,040
	Tignish Post Office Renovations	Cultural Infrastructure	\$ 405,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000
	CADC Queen St. Restoration (Charlottetown)	Cultural Infrastructure	\$ 1,500,000	\$ 1,500,000	\$ 500,000	\$ 500,000	\$ 500,000
TOTAL			\$ 7,221,432	\$ 6,951,432	\$ 2,407,143	\$ 2,407,143	\$ 2,407,146

DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE RENEWAL
2010-11

	Actuals	Budget Estimates 10-11
FINANCE AND HUMAN RESOURCES		
Executive Office		
Administration	42,768	26,200
Materials, Supplies and Services	2,536	2,500
Professional and Contract Services	19,501	-
Salaries	345,458	314,900
Travel and Training	10,498	14,000
	<u>420,761</u>	<u>357,600</u>
Director's Office - Finance and Human Resources		
Administration	8,666	9,300
Materials, Supplies and Services	1,051	500
Professional and Contract Services	27,115	12,800
Salaries	181,116	205,000
Travel and Training	3,605	6,000
Grants		
Island Waste Management Commission	822,564	800,000
	<u>1,044,117</u>	<u>1,033,600</u>
Finance Section		
Administration	12,343	18,600
Equipment	-	500
Materials, Supplies and Services	8,199	15,600
Salaries	327,721	403,700
Travel and Training	2,363	5,600
	<u>350,626</u>	<u>444,000</u>
Human Resources Section		
Administration	13,157	13,500
Materials, Supplies and Services	307	2,800
Professional and Contract Services	325	900
Salaries	467,918	513,800
Travel and Training	9,743	16,900
	<u>491,450</u>	<u>547,900</u>
Total Finance and Human Resources	<u>2,306,954</u>	<u>2,383,100</u>
HIGHWAY SAFETY		
Highway Safety Administration		
Administration	90,253	112,300
Equipment	118	900
Materials, Supplies and Services	75,379	69,300
Professional and Contract Services	49,594	164,700
Salaries	148,040	148,800
Travel and Training	29,715	55,000
	<u>393,099</u>	<u>551,000</u>

DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE RENEWAL
2010-11

Continued

	Actuals	Budget Estimates 10/11
Registration and Licensing		
Administration	621	900
Equipment	5,573	4,000
Materials, Supplies and Services	241,268	215,600
Salaries	708,448	773,400
Travel and Training	240	700
	<u>956,150</u>	<u>994,600</u>
Highway Scales		
Equipment	566	12,900
Materials, Supplies and Services	18,282	25,800
Salaries	646,786	605,200
Travel and Training	21	1,000
	<u>665,655</u>	<u>644,900</u>
Promotion Highway Safety		
Administration	4,601	2,000
Equipment	-	900
Materials, Supplies and Services	11,941	24,000
Professional and Contract Services	30.00	1,000
Salaries	668,636	683,200
Travel and Training	7,731	5,200
	<u>692,939</u>	<u>716,300</u>
Total Highway Safety	<u>2,707,843</u>	<u>2,906,800</u>
 LAND AND ENVIRONMENT		
Environment Management		
Administration	11,572	9,700
Equipment	377	1,500
Materials, Supplies and Services	17,509	4,400
Professional and Contract Services	85,713	41,300
Salaries	468,628	533,900
Travel and Training	72,765	54,500
	<u>656,564</u>	<u>645,300</u>
Properties		
Administration	74,136	131,000
Equipment	1,284	3,000
Materials, Supplies and Services	3,906	5,200
Professional and Contract Services	71,862	115,700
Salaries	706,559	861,400
Travel and Training	17,423	32,000
	<u>875,170</u>	<u>1,148,300</u>
Surveys		
Administration	9,905	6,600
Equipment	2,649	29,900
Materials, Supplies and Services	2,321	5,500
Professional and Contract Services	40,569	22,000
Salaries	461,311	532,700
Travel and Training	11,740	6,500
	<u>528,495</u>	<u>603,200</u>
Total Land and Environment	<u>2,060,229</u>	<u>2,396,800</u>

DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE RENEWAL
2010-11

Continued

	Actuals	Budget Estimates 10/11
HIGHWAY MAINTENANCE OPERATIONS		
Highway Maintenance Administration		
Administration	6,022	11,100
Equipment	617	273,700
Materials, Supplies and Services	7,982	10,000
Professional and Contract Services	20,200	47,700
Salaries	246,057	260,200
Travel and Training	13,145	40,800
Grants		
Slemon Park	80,040	80,600
	<u>374,063</u>	<u>724,100</u>
Highway Maintenance Inventory Control		
Administration	6,196	4,200
Materials, Supplies and Services	479,598	411,200
Professional and Contract Services	16,008	-
Salaries	477,692	477,100
Travel and Training	4,633	6,000
	<u>984,127</u>	<u>898,500</u>
Provincial Maintenance Road Program		
Materials, Supplies and Services	503,940	1,187,100
Professional and Contract Services	856,295	440,000
Travel and Training	270	-
	<u>1,360,505</u>	<u>1,627,100</u>
Maintenance Administration - Western Region		
Administration	47,589	42,800
Equipment	-	600
Materials, Supplies and Services	1,082	2,100
Professional and Contract Services	50	-
Salaries	583,877	650,600
Travel and Training	307	2,500
	<u>632,905</u>	<u>698,600</u>
Maintenance Administration - Eastern Region		
Administration	52,474	61,500
Equipment	736	400
Materials, Supplies and Services	907	700
Salaries	587,975	567,800
Travel and Training	2,955	3,200
	<u>645,047</u>	<u>633,600</u>
Maintenance Administration - Central Region		
Administration	53,637	66,900
Materials, Supplies and Services	3,656	600
Salaries	704,465	702,100
Travel and Training	1,217	800
	<u>762,975</u>	<u>770,400</u>
Summer Maintenance - Western Region		
Equipment	3,678	6,500
Materials, Supplies and Services	1,663,920	1,571,100
Professional and Contract Services	314,628	174,500
Salaries	2,293,941	2,494,500
Travel and Training	44,920	63,400
	<u>4,321,087</u>	<u>4,310,000</u>

DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE RENEWAL
2010-2011

Continued

	Actuals	Budget Estimates 10/11
Summer Maintenance - Eastern Region		
Administration	1,130	-
Materials, Supplies and Services	1,356,470	1,229,600
Professional and Contract Services	182,829	191,000
Salaries	2,083,979	2,185,900
Travel and Training	23,805	40,100
	<u>3,648,213</u>	<u>3,646,600</u>
Summer Maintenance - Central Region		
Administration	221	-
Materials, Supplies and Services	1,927,043	1,724,100
Professional and Contract Services	388,694	250,000
Salaries	2,706,372	2,799,200
Travel and Training	84,833	75,000
	<u>5,109,163</u>	<u>4,848,300</u>
Summer Maintenance - Rails to Trails Maintenance		
Administration	13,693	9,500
Materials, Supplies and Services	286,682	332,600
Professional and Contract Services	21,354	64,000
Salaries	925,460	912,800
Travel and Training	24,993	23,000
	<u>1,272,182</u>	<u>1,341,900</u>
Winter Maintenance - Western Region		
Materials, Supplies and Services	1,714,994	1,431,700
Professional and Contract Services	3,296,602	3,314,300
Salaries	398,638	403,700
Travel and Training	161	-
	<u>5,412,395</u>	<u>5,149,700</u>
Winter Maintenance - Eastern Region		
Materials, Supplies and Services	1,348,269	1,123,400
Professional and Contract Services	1,461,578	1,478,800
Salaries	301,674	432,200
Travel and Training	3,495	4,000
	<u>3,115,016</u>	<u>3,038,400</u>
Winter Maintenance - Central Region		
Administration	817	-
Materials, Supplies and Services	2,338,707	1,507,100
Professional and Contract Services	2,742,437	2,597,000
Salaries	454,444	650,300
	<u>5,536,405</u>	<u>4,754,400</u>
Mechanical - Charlottetown Garage - Direct		
Administration	31,199	26,900
Equipment	2,421	3,500
Materials, Supplies and Services	2,128,000	1,634,900
Professional and Contract Services	459	4,100
Salaries	2,340,060	2,543,700
Travel and Training	176,280	132,900
	<u>4,678,419</u>	<u>4,346,000</u>

DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE RENEWAL
2010-2011

Continued

	Actuals	Budget Estimates 10/11
Mechanical - Charlottetown Garage - Indirect		
Administration	85,493	71,400
Equipment	20,975	12,400
Materials, Supplies and Services	407,032	326,600
Professional and Contract Services	244,135	38,400
Salaries	661,631	693,600
Travel and Training	2,654	4,100
	<u>1,421,920</u>	<u>1,146,500</u>
Mechanical - Summerside Garage - Direct		
Administration	17,346	16,100
Equipment	4,205	5,500
Materials, Supplies and Services	1,444,267	1,118,300
Professional and Contract Services	4,895	8,000
Salaries	1,451,031	1,527,300
Travel and Training	59,853	71,200
	<u>2,981,597</u>	<u>2,746,400</u>
Mechanical - Summerside Garage - Indirect		
Administration	19,659	25,100
Equipment	17,085	18,700
Materials, Supplies and Services	14,734	26,700
Salaries	75,268	74,700
Travel and Training	3,118	5,400
	<u>129,864</u>	<u>150,600</u>
Mechanical - Operators - Western Region		
Administration	-	2,400
Materials, Supplies and Services	11,703	14,800
Professional and Contract Services	532	-
Salaries	1,369,178	1,307,100
Travel and Training	15,934	18,700
	<u>1,397,347</u>	<u>1,343,000</u>
Mechanical - Operators - Central Region		
Administration	362	4,800
Materials, Supplies and Services	25,987	55,600
Professional and Contract Services	409	-
Salaries	2,085,937	2,149,200
Travel and Training	26,128	46,400
	<u>2,138,823</u>	<u>2,256,000</u>
Mechanical - Operators - Eastern Region		
Administration	-	1,100
Materials, Supplies and Services	20,969	30,100
Professional and Contract Services	1,245	-
Salaries	1,214,315	1,223,300
Travel and Training	27,599	21,800
	<u>1,264,128</u>	<u>1,276,300</u>
Mechanical - Bridgetown Highways Garage - Direct		
Administration	2,114	-
Equipment	4,381	7,000
Materials, Supplies and Services	939,521	728,100
Professional and Contract Services	2,216	3,200
Salaries	947,715	977,000
Travel and Training	150,836	130,900
	<u>2,046,783</u>	<u>1,846,200</u>

DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE RENEWAL
2010-2011

Continued

	Actuals	Budget Estimates 10/11
Mechanical - Bridgetown Highways Garage - Indirect		
Administration	28,311	34,900
Equipment	-	2,100
Materials, Supplies and Services	54,929	59,400
Professional and Contract Services	10,478	5,400
Salaries	319,094	238,800
Travel and Training	106	5,300
	<u>412,918</u>	<u>345,900</u>
Total Highway Maintenance Operations	<u>49,645,882</u>	<u>47,898,500</u>
 PUBLIC WORKS AND PLANNING		
Public Works Operations - Administration		
Administration	227,524	13,200
Equipment	3,580	-
Materials, Supplies and Services	156,623	253,900
Professional and Contract Services	7,144	25,500
Salaries	653,509	895,100
Travel and Training	47,194	36,200
	<u>1,095,574</u>	<u>1,223,900</u>
District Heating Plant		
Professional and Contract Services	2,057,755	2,215,400
	<u>2,057,755</u>	<u>2,215,400</u>
Building Maintenance Direct - Mona Lisa Building		
Administration	10,675	12,800
Materials, Supplies and Services	17,200	32,500
Professional and Contract Services	14,272	19,000
	<u>42,147</u>	<u>64,300</u>
Building Maintenance Direct - Shaw and Sullivan Buildings		
Administration	473,621	480,900
Equipment	1,496	16,200
Materials, Supplies and Services	1,318,681	1,253,100
Professional and Contract Services	340,906	350,600
Salaries	1,255,136	1,010,600
Travel and Training	3,486	-
	<u>3,393,326</u>	<u>3,111,400</u>
Building Maintenance Direct - Province House		
Administration	21,803	37,900
Equipment	514	-
Materials, Supplies and Services	114,123	146,700
Professional and Contract Services	7,631	7,000
Salaries	62,228	42,900
	<u>206,299</u>	<u>234,500</u>
Building Maintenance Direct - Province House Annex		
Administration	7,968	8,300
Materials, Supplies and Services	23,144	26,800
Professional and Contract Services	11,670	15,500
Salaries	2,033	-
	<u>44,815</u>	<u>50,600</u>

**DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE RENEWAL
2010-2011**

Continued

	Actuals	Budget Estimates 10/11
Building Maintenance Direct - Government House		
Administration	20,262	28,100
Equipment	906	5,600
Materials, Supplies and Services	125,692	97,300
Professional and Contract Services	4,153	42,800
Salaries	313,197	356,200
Travel and Training	2,683	600
	<u>466,893</u>	<u>530,600</u>
Building Maintenance Direct - Customs House		
Administration	9,024	9,200
Materials, Supplies and Services	28,814	29,900
Professional and Contract Services	19,920	15,500
	<u>57,758</u>	<u>54,600</u>
Building Maintenance Direct - Portable Classrooms		
Materials, Supplies and Services	-	29,200
	<u>-</u>	<u>29,200</u>
Building Maintenance Direct - Coles Building		
Administration	41,305	41,600
Materials, Supplies and Services	75,268	55,200
Professional and Contract Services	10,713	22,300
Salaries	58,869	51,400
	<u>186,155</u>	<u>170,500</u>
Building Maintenance Direct - Prince County Jail and Courthouse		
Administration	18,760	15,800
Materials, Supplies and Services	79,358	73,300
Professional and Contract Services	13,265	12,300
Salaries	39,253	44,300
	<u>150,636</u>	<u>145,700</u>
Building Maintenance Direct - Summerside Youth Centre		
Administration	-	92,000
Materials, Supplies and Services	181,922	181,200
Professional and Contract Services	25,188	22,000
	<u>207,110</u>	<u>295,200</u>
Building Maintenance Direct - Provincial Correctional Centre		
Administration	31,250	27,000
Equipment	-	900
Materials, Supplies and Services	390,689	242,800
Professional and Contract Services	19,951	18,200
	<u>441,890</u>	<u>288,900</u>
Building Maintenance Direct - Montague Office Complex		
Administration	7,373	8,200
Materials, Supplies and Services	61,397	59,000
Professional and Contract Services	38,967	37,300
	<u>107,737</u>	<u>104,500</u>
Building Maintenance Direct - Southern Kings		
Administration	5,422	5,400
Materials, Supplies and Services	43,389	57,900
Professional and Contract Services	36,536	34,600
	<u>85,347</u>	<u>97,900</u>

DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE RENEWAL

2010-2011

Continued

	Actuals	Budget Estimates 10/11
Building Maintenance Direct - Prince Edward Home		
Materials, Supplies and Services	90,360	69,800
	<u>90,360</u>	<u>69,800</u>
Building Maintenance Direct - West Prince RSC		
Administration	-	8,700
Equipment	578	-
Materials, Supplies and Services	36,404	51,400
Professional and Contract Services	31,325	22,600
	<u>68,307</u>	<u>82,700</u>
Building Maintenance Direct - Small Buildings		
Administration	102,669	53,200
Materials, Supplies and Services	824,342	605,200
Professional and Contract Services	225,011	121,500
Salaries	57,150	76,400
Travel and Training	-	1,800
	<u>1,209,172</u>	<u>858,100</u>
Building Maintenance Direct - Highway Materials Testing Lab		
Administration	-	3,200
Materials, Supplies and Services	38,342	62,800
Professional and Contract Services	11,812	11,000
Salaries	26,730	31,000
Travel and Training	49	-
	<u>76,933</u>	<u>108,000</u>
Building Maintenance Direct - Access P.E.I. Summerside		
Administration	48,666	100,000
Materials, Supplies and Services	174,313	256,400
Professional and Contract Services	141,781	70,000
	<u>364,760</u>	<u>426,400</u>
Building Maintenance Direct - Brighton Road Office Complex		
Administration	613	600
Materials, Supplies and Services	67,120	40,200
Professional and Contract Services	23,218	31,000
	<u>90,951</u>	<u>71,800</u>
Building Maintenance Direct - Holland College Royalty		
Administration	142,369	226,700
Materials, Supplies and Services	267,227	140,000
Professional and Contract Services	86,943	200,000
	<u>496,539</u>	<u>566,700</u>
Building Maintenance Direct - North Cape Wind Site		
Materials, Supplies and Services	95,778	100,800
	<u>95,778</u>	<u>100,800</u>
Building Maintenance Direct - Summerside Garage		
Administration	29,651	50,000
Materials, Supplies and Services	170,272	218,500
Professional and Contract Services	57,653	42,000
	<u>257,576</u>	<u>310,500</u>
Building Accommodations - Small Lease		
Administration	1,160,172	865,400
Materials, Supplies and Services	30,111	18,900
Professional and Contract Services	7,237	6,300
	<u>1,197,520</u>	<u>890,600</u>

DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE RENEWAL
2010-2011

Continued

	Actuals	Budget Estimates 10-11
Building Accommodations - Evangeline RSC		
Administration	63,292	61,000
Materials, Supplies and Services	4,394	6,100
Professional and Contract Services	74	-
	<u>67,760</u>	<u>67,100</u>
Building Accommodations - Johnny Ross Young RSC		
Administration	252,536	272,900
Materials, Supplies and Services	1,233	7,000
Professional and Contract Services	1,497	-
	<u>255,266</u>	<u>279,900</u>
Building Accommodations - Research Station		
Administration	269,052	270,200
	<u>269,052</u>	<u>270,200</u>
Building Accommodations - Queens Region Health Authority		
Administration	710,300	771,800
Materials, Supplies and Services	10,058	-
Professional and Contract Services	1,389	-
	<u>721,747</u>	<u>771,800</u>
Building Accommodations - Health Agency		
Administration	548,986	564,900
Materials, Supplies and Services	7	5,000
	<u>548,993</u>	<u>569,900</u>
Building Accommodations - Provincial Library Morell		
Administration	194,022	223,100
Materials, Supplies and Services	432	-
Professional and Contract Services	649	4,500
	<u>195,103</u>	<u>227,600</u>
Building Accommodations - St. Paul's Rectory		
Administration	25,868	28,200
Materials, Supplies and Services	8,393	13,200
Professional and Contract Services	6,202	7,500
	<u>40,463</u>	<u>48,900</u>
Building Accommodations - Albert Thomas Building		
Administration	57,493	65,200
Materials, Supplies and Services	27,021	30,600
Professional and Contract Services	9,594	7,700
	<u>94,108</u>	<u>103,500</u>
Building Accommodations - Sherwood Fire Hall		
Administration	96,146	148,000
Materials, Supplies and Services	114	6,900
Professional and Contract Services	14,905	8,900
Salaries	-	40,200
	<u>111,165</u>	<u>204,000</u>
Building Accommodations - Concorde Building		
Administration	115,276	186,900
	<u>115,276</u>	<u>186,900</u>
Building Accommodations - Davies Law Court		
Administration	490,117	769,100
Materials, Supplies and Services	162,183	154,700
Professional and Contract Services	278,505	233,200
	<u>930,805</u>	<u>1,157,000</u>

DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE RENEWAL
2010-2011

Continued

	Actuals	Budget Estimates 10-11
Building Accommodations - Highway Safety Office		
Administration	177,098	188,100
Materials, Supplies and Services	112	2,000
Professional and Contract Services	235	-
	<u>177,445</u>	<u>190,100</u>
Building Accommodations - Stonehouse VIC		
Administration	61,744	48,500
Materials, Supplies and Services	-	13,900
Salaries	-	21,900
	<u>61,744</u>	<u>84,300</u>
Building Accommodations - Fisheries Warehouse		
Administration	41,698	49,000
Materials, Supplies and Services	19,918	15,500
Professional and Contract Services	2,993	600
	<u>64,609</u>	<u>65,100</u>
Building Accommodations - Kelly Building Courthouse		
Administration	209,865	337,000
	<u>209,865</u>	<u>337,000</u>
Building Accommodations - SRDC 109 Water Street		
Administration	171,212	222,300
Materials, Supplies and Services	1,246	-
	<u>172,458</u>	<u>222,300</u>
Building Accommodations - Confederation Centre and Libraries		
Administration	178,000	176,000
Materials, Supplies and Services	430	-
	<u>178,430</u>	<u>176,000</u>
Building Accommodations - Gateway Village VIC		
Administration	69,180	69,200
	<u>69,180</u>	<u>69,200</u>
Building Accommodations - Confederation Court Leases		
Administration	-	32,000
	<u>-</u>	<u>32,000</u>
Building Accommodations - Donald Bondy		
Administration	313,272	319,300
Materials, Supplies and Services	1,358	-
Professional and Contract Services	27,435	-
	<u>342,065</u>	<u>319,300</u>
Building Accommodations - Hunter River Health Centre		
Administration	75,800	90,900
	<u>75,800</u>	<u>90,900</u>
Building Accommodations - S'Side Medical Centre		
Administration	244,403	211,600
	<u>244,403</u>	<u>211,600</u>
Building Accommodations - Polyclinic		
Administration	267,848	279,900
	<u>267,848</u>	<u>279,900</u>
Building Accommodations - Pharmatech		
Administration	173,857	233,900
	<u>173,857</u>	<u>233,900</u>

DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE RENEWAL

Continued

2010-2011

	Actuals	Budget Estimates 10/11
Building Accommodations - Fisheries Dept. Montague		
Administration	249,995	250,000
Materials, Supplies and Services	29,484	-
	<u>279,479</u>	<u>250,000</u>
Building Accommodations - Education Dept. Summerside		
Administration	503,445	662,800
Materials, Supplies and Services	2,843	-
Professional and Contract Services	30,900	-
	<u>537,188</u>	<u>662,800</u>
Building Accommodations - Brecken Yates		
Administration	145,136	117,000
Materials, Supplies and Services	21	-
	<u>145,157</u>	<u>117,000</u>
Director's Office		
Administration	17,409	15,800
Equipment	1,557	-
Materials, Supplies and Services	10,176	5,100
Professional and Contract Services	143,066	123,100
Salaries	136,219	217,200
Travel and Training	5,565	12,900
	<u>313,992</u>	<u>374,100</u>
Planning and Design		
Administration	2,713	7,600
Salaries	78,655	158,200
Travel and Training	14,457	9,800
	<u>95,825</u>	<u>175,600</u>
Building Construction		
Administration	1,036	3,700
Equipment	1,760	-
Materials, Supplies and Services	105	1,400
Salaries	274,199	285,100
Travel and Training	6,681	23,200
	<u>283,781</u>	<u>313,400</u>
Building Design		
Administration	8,111	4,300
Equipment	105	-
Materials, Supplies and Services	180	-
Salaries	362,818	320,600
Travel and Training	30,820	9,900
	<u>402,034</u>	<u>334,800</u>
Total Public Works and Planning	<u>19,936,236</u>	<u>20,528,700</u>
 CAPITAL PROJECT DIVISION		
Traffic Operations Management		
Administration	6,477	5,400
Equipment	961	-
Materials, Supplies and Services	18,681	25,500
Professional and Contract Services	2,993	6,000
Salaries	246,555	349,900
Travel and Training	20,946	16,800
	<u>296,613</u>	<u>403,600</u>

DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE RENEWAL
2010-2011

Continued

	Actuals	Budget Estimates 10/11
Traffic Operations - Western Region		
Administration	4,645	4,400
Equipment	-	1,300
Materials, Supplies and Services	135,681	311,900
Professional and Contract Services	2,215	2,200
Salaries	443,648	454,800
Travel and Training	13,242	8,700
	<u>599,431</u>	<u>783,300</u>
Traffic Operations - Central Region		
Administration	13,406	7,900
Equipment	4,192	5,000
Materials, Supplies and Services	340,369	909,200
Professional and Contract Services	51,725	49,000
Salaries	884,559	974,800
Travel and Training	26,565	23,000
	<u>1,320,816</u>	<u>1,968,900</u>
Traffic Operations - Sign Shop		
Administration	2,387	5,700
Equipment	1,971	-
Materials, Supplies and Services	-	146,400
Professional and Contract Services	4,968	5,100
Salaries	189,076	189,500
Travel and Training	771	1,000
	<u>199,173</u>	<u>347,700</u>
Chief Engineer's Office		
Administration	22,908	21,400
Equipment	117	800
Materials, Supplies and Services	29,349	18,500
Professional and Contract Services	26,336	66,300
Salaries	232,556	331,700
Travel and Training	16,138	9,800
	<u>327,404</u>	<u>448,500</u>
Western Region		
Administration	33,221	32,800
Equipment	5,189	17,500
Materials, Supplies and Services	62,727	23,500
Professional and Contract Services	150	3,000
Salaries	653,192	628,500
Travel and Training	10,142	30,300
	<u>764,621</u>	<u>735,600</u>
Central Region		
Administration	28,254	17,900
Equipment	1,096	6,300
Materials, Supplies and Services	9,506	18,500
Professional and Contract Services	-	1,000
Salaries	574,883	639,400
Travel and Training	4,749	18,100
	<u>618,488</u>	<u>701,200</u>

DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE RENEWAL

Continued

2010-2011

	Actuals	Budget Estimates 10/11
Eastern Region		
Administration	13,401	22,100
Equipment	3,631	14,700
Materials, Supplies and Services	47,035	19,100
Professional and Contract Services	180	3,000
Salaries	591,312	613,200
Travel and Training	13,993	21,400
	<u>669,552</u>	<u>693,500</u>
Engineering Services - Operations		
Administration	108	6,000
Equipment	-	900
Materials, Supplies and Services	40	9,300
Salaries	87,599	87,700
Travel and Training	7,521	12,100
	<u>95,268</u>	<u>116,000</u>
Highway Design		
Administration	10,874	6,700
Equipment	1,069	1,500
Materials, Supplies and Services	2,151	4,200
Professional and Contract Services	32,119	22,200
Salaries	406,909	422,000
Travel and Training	11,549	10,400
	<u>464,671</u>	<u>467,000</u>
Materials Testing Lab		
Administration	24,053	19,800
Equipment	57,047	10,700
Materials, Supplies and Services	14,212	12,800
Professional and Contract Services	8,860	2,500
Salaries	1,236,817	1,333,700
Travel and Training	39,780	41,200
	<u>1,380,769</u>	<u>1,420,700</u>
Bridge Maintenance - Operations		
Administration	7,646	4,500
Materials, Supplies and Services	1,552,505	915,100
Professional and Contract Services	1,352,932	731,000
Salaries	466,608	461,300
Travel and Training	19,427	10,000
	<u>3,399,118</u>	<u>2,121,900</u>
Highway Enhancement		
Salaries	84,486	152,300
	<u>84,486</u>	<u>152,300</u>
Total Capital Project Division	<u>10,220,410</u>	<u>10,360,200</u>

DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE RENEWAL
2010-2011

Continued

	Actuals	Budget Estimates 10/11
INFRASTRUCTURE		
Infrastructure	56,809	57,000
Administration	40	2,900
Equipment	8,042	19,000
Materials, Supplies and Services	123,436	60,000
Professional and Contract Services	315,580	313,500
Salaries	8,646	11,600
Travel and Training		
Grants	29,887,577	35,594,100
Infrastructure Program	<u>30,400,130</u>	<u>36,058,100</u>
Total Infrastructure		
 TOTAL TRANSPORTATION AND INFRASTRUCTURE RENEWAL	 <u>117,277,684</u>	 <u>122,532,200</u>

CAPITAL EXPENDITURES /TC
Year Ending March 31, 2011

Bridges C/A

Eastern Region

Morell Bridge Pier Repairs	45,524
Cardigan Bridge	33,596
Poplar Point Structure	84,266
Gowan Brae Bridge	295,646
Priest Pond	420,183
Rte 17 Geotechnical Investigation Bridge Structures	16,262

Total Eastern Region	895,477
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Central Region

Corran Ban Dredging Project	103,338
West River Bridge Replacement	2,125,763
Mt. Stewart Rails to Trails Structure	15,600
Rocky Point Culvert Liner	40,083

Total Central Region	2,284,784
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Western Region

Ross' Corner Bridge Replacement	12,820
Darnley Bridge	3,060,103
Kildare Bridge	2,161,249

Total Western Region	5,234,172
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Bridges Miscellaneous

Bridge Maintenance Program	89,515
Bridge Inspection Program	390,099
Storm Damage Various Bridges Dec 2010	362,934

Total Bridges Miscellaneous	842,548
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TOTAL BRIDGES C/A	9,256,981
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Highway Reconstruction

Western Region

Rte 1A Albany	900,684
Rte 1A Wilmot	593,395
Barrett St. Kensington	87,437
Ferry Rd - Roxbury	42,946
O'Leary Roundabout	1,210,475
Rte 2 Elmsdale - Alma	2,813,124

Total Western Region	5,648,061
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Central Region

Keppoch Rd Storm Sewer	93,642
Stratford's Master Trans Plan	26,325
Canavoy Rte 2	512,085
Rte 3 Vernon River	506,842
Rte 2 Cornwall	265,291
Rte 225 Shamrock - Rose Valley	568,806

St. Catherine's Rd	75,272
Rte 6 Anglo Rustico	399,239
County Line Rd - Grading	103,229
Rte 2 Springfield	1,078,495

Total Central Region	3,629,226
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Eastern Region	
Rte 2 Rollo Bay - Fortune	2,973,858
Rte 2 Souris Main St	596,272
Riverside Dr Extension - Montague	116,876
Montague Storm Sewer Replacement	73,457
Brush Wharf Rd - Orwell Corner	258,829
ICH Mt. Herbert Rd Right Turn Lane	141,412

Total Eastern Region	4,160,704
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OTHER

Consultant Fees	238,515
Asphalt Millings Various Roads	171,512
Survey Crew - Prince County	245,007
Survey Crew - Queens County	11,947
Survey Crew - Kings County	21,560
Land Purchases Roadway Projects	8,742
Paving Assistance	2,758
Highway Paint	150,000

Total Other	850,041
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TOTAL HIGHWAY RECONSTRUCTION	14,288,032
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New Deals for Cities & Communities

St. Peter's Bridge Replacement	1,508,815
Rte 4 Valleyfield Rd Intersection	1,340,538
Rte 26 Stratford Rd	1,832,089
Rte 25 York - Covehead	463,909
ICH Cornwall Left Turning Lane	532,136
Victoria Bridge Replacement	141,672
Rte 2 - Richmond	807,872

Total New Deals for Cities & Communities	6,627,031
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Infrastructure Stimulus Fund

Souris Main St. Rte 2 - Phase 2	3,919,889
Water Street - Georgetown	181,151
Stratford - ICH	1,675,401
Charlottetown Perimeter Highway - East	859,014
Charlottetown Perimeter Highway - West	616,106
Oak Drive Overpass Extension	1,417,871
Charlottetown Perimeter Highway - Phase 2 - Riverside Drive	6,841,652
Riverside Drive Extension - St. Peters Rd to Southgate	537,000
ICH - Borden Gateway Enhancement Project	3,297,025

Total Infrastructure Stimulus Fund	19,340,109
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Provincial Paving

Western Region

Asphaltic Concrete - Curran & Briggs	1,680,964	
Asphaltic Concrete - HI Construction	1,197,922	
Total Western Region		2,878,886
Central Region		
Asphaltic Concrete - Central Roadways	486,293	
Asphaltic Concrete - Island Construction	358,449	
Recap Program - Island Construction	1,215,181	
Recap Program - Chapman Brothers	636,632	
Recap Program - Pauley Construction	236,970	
Highway Maintenance Division Recap Costs	103,694	
Spreader Crew	124,002	
Recap Program - Central Roadways	135,950	
Total Central Region		3,297,171
Eastern Region		
Asphaltic Concrete - Chapman Brothers	350,960	
Recap Program - Pauley Construction	87,303	
Recap Program - Island Construction	285,022	
Recap Program - Chapman Brothers	537,411	
Total Eastern Region		1,260,696
TOTAL PROVINCIAL PAVING		7,436,753
Other		
Heavy Equipment	2,686,658	
Total Other		2,686,658
Total Highway Capital		59,635,564
Capital - Buildings/TC		
Building Capital Repairs	795,796	
Land Purchases	2,996,367	
New Building Construction - Tignish Paint Shop	1,303,696	
Total Capital - Buildings/TC		5,095,859
TOTAL CAPITAL EXPENDITURES		
DEPARTMENT OF TRANSPORTATION & INFRASTRUCTURE RENEWAL		64,731,423